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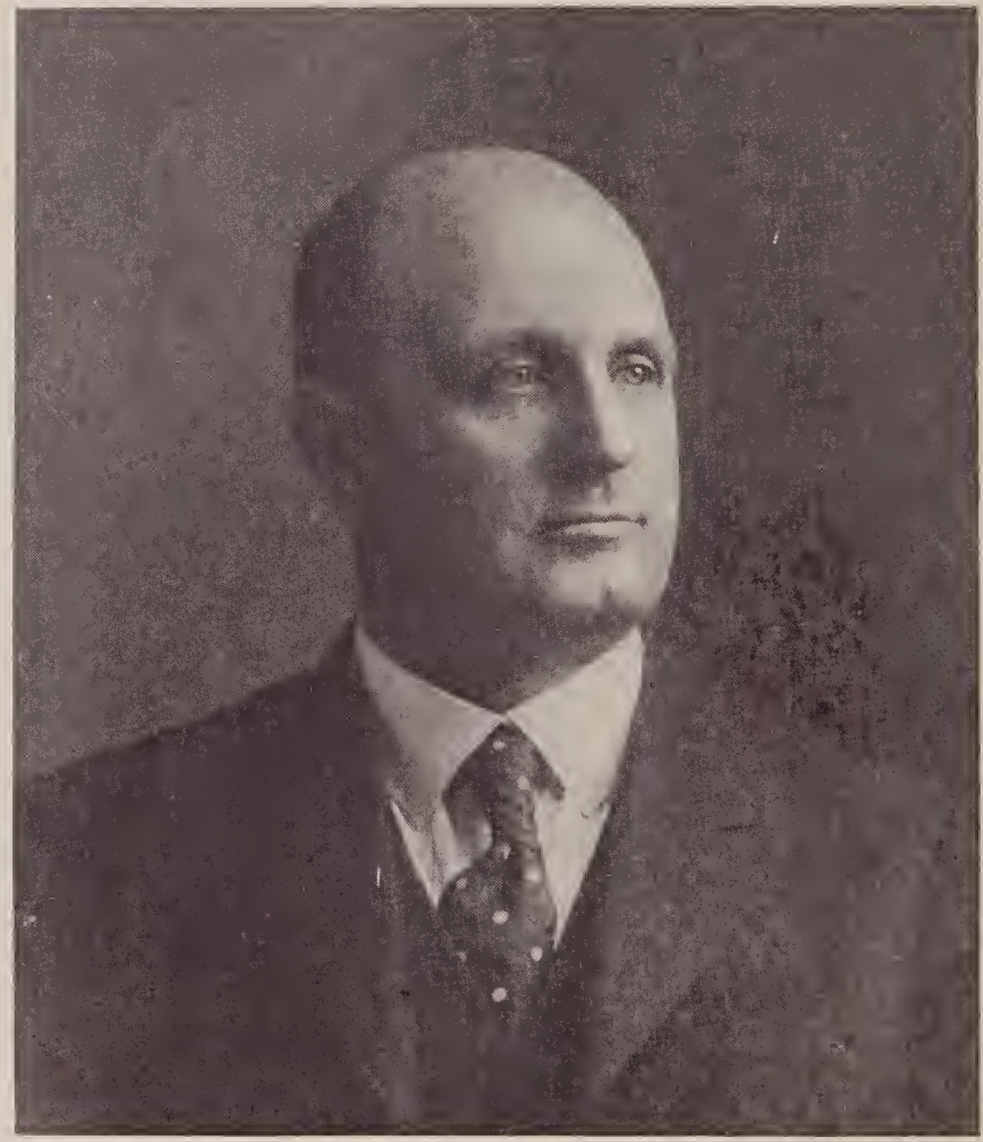

WALTER C. WARDWELL
Mayor
Cambridge, Massachusetts
1907

City of Cambridge
Massachusetts

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THE MAYOR'S ADDRESS

AT THE

ORGANIZATION OF THE CITY GOVERNMENT

JANUARY 7, 1907

AND

THE ANNUAL REPORTS

MADE TO THE CITY COUNCIL

FOR THE YEAR 1906

PUBLISHED BY ORDER OF THE CITY COUNCIL
UNDER THE DIRECTION OF THE
CITY CLERK

J·A·CUMMINGS
PRINTING CO.
172 OLIVER ST.
BOSTON.

INAUGURAL ADDRESS

OF

HON. WALTER C. WARDWELL

JANUARY 7, 1907

Gentlemen of the City Council: —

In assuming the duties of office, we should be mindful of the responsibilities which are placed upon us. Let us, then, enter upon our work with the resolution to serve our City faithfully and wisely.

Let us approach our duties determined to conduct the affairs of the City in a businesslike manner. As the year unfolds itself, the public questions coming before us should receive painstaking consideration; our acts should be unhampered by any partisan political influences.

We should have no other aim than to promote the best interests of the City.

It is not my intention to take up your time to-day in reviewing the work of the various Departments. The annual reports are before us and we should give to them careful consideration.

FINANCES.

I urge the necessity of seeing to it that for every dollar expended the City should get a full dollar's worth. Let us endeavor to keep the annual expenditures for current expenses strictly within the limits of the annual income, and keep the capital invested in our municipal plant up to the highest state of efficiency.

I especially urge the most careful consideration of every appropriation. Our City debt is increasing in a manner that should cause the City Council to stop and consider what the outcome of it all will be.

According to the Auditor's report our municipal indebtedness is as follows : —

	1905.	1906.	Increase.
Funded City Debt........	$6,178,850 00	$6,657,850 00	$479,000 00
Sinking Funds...........	845,183 89	1,040,298 98	195,115 09
Net Funded City Debt..	$5,333,666 11	$5,617,551 02	$283,884 91
Funded Water Debt......	$3,646,600 00	$3,871,100 00	$224,500 00
Sinking Funds...........	1,382,828 84	1,507,749 85	124,921 01
Net Funded Water Debt	$2,263,771 16	$2,363,350 15	$99,578 99

The annual increase in the debt during the past five years has been as follows : —

1902...................................	$419,500 00
1903...................................	359,000 00
1904...................................	827,500 00
1905...................................	521,450 00
1906...................................	479,000 00

The annual interest charge has grown from $344,065.76 in 1902, to $383,597.10 in 1906 — an increase of $39,531.34 in five years.

The City Councils of recent years have been liberal in their treatment of the Public Schools and Libraries. In 1902 there was expended for public education, libraries, etc., $459,049.07 ; and in 1906, for the same purposes, there was expended $531,165.49 — an increase of $72,116.42.

While I do not desire in any way to hinder the work and development of these Departments, I do believe that a more careful consideration of the ways and means in connection with this matter is eminently desirable.

Unless great care is exercised in this and other directions it will not be possible to keep the tax rate down where it properly should be.

HEALTH.

I desire to call to your attention the necessity of keeping our streets in better condition. They should be cleaned often. They should not be allowed to become unsightly or unsafe, nor should they be allowed to become a menace to public health, because of clouds of germ-laden dust.

I recommend that, if possible, the work of street watering shall begin earlier in the spring and extend later into the fall.

During the past year a Committee of the City Council has been considering the advisability of installing an incinerator in Cambridge for the disposal of the City's waste. I sincerely hope that a committee this year may give this matter such attention as it deserves.

My attention has been called to the fact that there is need of some place for dumping factory waste in the manufacturing section of the City. This matter should be considered in connection with the purpose to establish a municipal incinerator.

Steps should be taken to establish a hospital for the reception and treatment of cases of the more prevalent infectious diseases. I am convinced that this is one of our most pressing present needs, and I urge its immediate and serious consideration.

I beg leave to call your attention to that portion of the report of the Board of Health concerning Medical Inspection of schools, and to the proposition to have nurses employed in connection with the present system of inspection. I believe that anything we can do to better conditions in our schools and to conserve the health of the scholars we are in duty bound to do.

POLICE.

The Chief of Police, in his annual report, recommends the appointment, by the Governor, of a Police Commission for Cambridge, that the "Department may be taken out of politics." There naturally is a great diversity of opinion on this subject. While on some grounds I have been inclined to favor a commission, I believe that so far as possible our aim should be to insist upon local self-government. Until it is proved beyond any question that we cannot do so, we should continue to manage our own affairs.

RAPID TRANSIT.

There is cause for congratulation in that rapid transit between Boston and Cambridge, by means of a system of subways, is now assured. As the Mayor of Cambridge has large powers under the terms of the subway legislation, it will be my aim to zealously guard the interests of the City in the construction of this work, that the stations, road bed, cars and all appurtenances thereto shall be of the most approved character, and that there shall be sufficient entrances to the subway to accommodate our own citizens. Regarding the work of construction, I sincerely hope that preference will be given to the citizens of Cambridge.

We may safely assume that the Boston Elevated Railway Company will follow its well-defined policy of meeting the needs of the public in the development of its system of rapid transit in this City.

LOCAL INDUSTRIES

I am of the opinion that the City of Cambridge ought to do everything it properly can to encourage large business enterprises to settle here. There is at the present time over thirty-two million dollars of industrial capital invested in Cambridge, giving employment to about fifteen thousand people. The attitude of the City Departments should be of such a nature as to encourage the development of our manufacturing interests, and by so doing attract other industries to the forty or more acres of available land in the manufacturing district.

VETO ON SCHOOL BOARD.

I am of the opinion that the Mayor should have the power ot veto on the acts of the School Committee, and I recommend that this be considered in connection with other proposed changes in the City charter.

STREET DEPARTMENT.

I call your attention to the recommendation of the Superintendent of Streets, in regard to the purchase of a stone ledge. This matter has been before the City Council for a number of years and I believe that if a suitable ledge can be found and purchased it would be a great saving to the City.

BOARD OF REGISTRARS OF VOTERS.

The quarters occupied by the Board of Registrars of Voters seem to me to be out of the way, inconvenient, and not at all what a city of the size and importance of Cambridge should have. I bring this to your attention and urge upon you the desirability of making some change.

WIRES.

I believe that the overhead wires along our thoroughfares, and in our public squares, besides being unsightly, are a constant source of danger to life and property; they should be placed under ground in conduits owned or controlled by the City. I respectfully urge that our representatives in the Legislature be requested to secure such legislation as will permit this to be done.

ELEVATOR FOR THE CITY BUILDING, BRATTLE SQUARE.

The veterans of the War of the Rebellion grow more feeble every year. It is now forty-two years, nearly, since the war closed. The City has installed one of the G. A. R. organizations, Post No. 56, in the City Building, Brattle Square, in very comfortable, convenient and commodious quarters, but at the top of a high building. It is therefore impossible for some of the members to attend the meetings there without serious inconvenience. I sincerely trust that we may find it possible, before Memorial Day, to install an elevator in this building to accommodate these men, as well as the other occupants of the building.

PLAYGROUNDS.

I am told that in Wards 1 and 2 there is at present no open spot that can be used by the people in that section. This is an important matter, and I recommend that steps be taken to establish suitable playgrounds in the various wards where needed, and particularly in Wards 1 and 2.

IN CONCLUSION.

In all the questions that may rise during the year, we must carefully discriminate, as a former honored Mayor of Cambridge has said, "between our needs and our wants." In many instances we may be able, without injury to the City's interests, to make this discrimination.

ANNUAL REPORTS

REPORT OF THE CAMBRIDGE WATER BOARD

December 18, 1906.

To the Honorable, the City Council of the City of Cambridge:—

The forty-second annual report of the Cambridge Water Board, for the year ending November 30, 1906, is herewith submitted for your consideration.

The improvement in the condition of the water works by the construction of an additional section of the new pipe line, hereinafter fully considered in detail, is a subject of congratulation; and, in the opinion of the Board, will result in such an increase of the supply, as will provide for the needs of the City for several, perhaps many, years to come.

The new pipes in Huron avenue and Reservoir street, rendered necessary by the decision of the Supreme Court in the suit of John C. Gray and others against the City of Cambridge, referred to in the last annual report, have been successfully laid, and the old pipes discontinued, as required by the decree of the Court, at an expenditure of $10,557.86.

TUNNELS UNDER BROAD CANAL.

The construction of the new tunnels under Broad Canal rendered necessary by the terms of the Charles River Dam Act, has been provided for by a contract with the Charles R. Gow Company, who have agreed to do the work for the sum of $22,500, of which a considerable portion will be paid by the Charles River Dam Commission and the Cambridge Gas Light Company.

FINANCIAL STATEMENT IN BRIEF.

The total cost of the Water Works to November 30, 1905, was		$6,023,739 70
There was expended during the year on Construction Account		318,460 76
So that the total cost to November 30, 1906, was		$6,342,200 46
The Construction Account for the year 1905, was	$251,232 57	
An increase of	67,228 19	
	$318,460 76	

This increase is mainly due to the construction of a section of the new pipe line.

WATER BOND ACCOUNT.

The whole amount of bonds outstanding is	$3,883,600 00
Deducting from this sum the present value of the Water Debt Sinking Fund, exclusive of the note of the City for $200,000 .	1,509,749 85
Leaves as the net Water Debt	$2,373,850 15

On November 30, 1906, $43,000 of 3 1-2 per cent. bonds matured and were paid. On October 1, 1907, $90,000 of 4 per cent. bonds will mature, and on November 1, 1907, $22,000, a total of $112,000 to be paid during the coming year. By reason of these payments the Sinking Fund payments will be reduced about $10,850, although they will be increased by the payments on the bonds lately issued for Water Works extension.

For further details of the financial condition of the Department the City Council is referred to the statement of the Registrar, printed with this report.

From this statement it appears that the deficit carried over from the year 1905, viz.: $6,476.93, was fully paid out of income, and the sum of $3,623.99 in addition to the usual required payments, added to the Sinking Fund, so that $10,100.92 represents the surplus receipts for the financial year just ended.

WATER BASINS.

In Hobbs Brook upper reservoir the water is about 0.45 feet below the dam, in Hobbs Brook lower reservoir, about 3.95 feet below the dam, and at Stony Brook Reservoir about one foot below.

Fresh Pond stands now at grade 11.69 feet, as compared with high water mark, which stands at grade 16.85. By the increased flow which will result from the completion of the second section of the new pipe line, it is expected that the Pond will be easily filled during the winter The Pond has been lowered during the year owing to the occasional shutting off of the water during the construction of the new section of the pipe line.

STONY BROOK OVERFLOW.

The overflow at Stony Brook Dam, being the water which annually runs to waste into Charles River was, for the year ending November 30 1906, 3,510,700,000 gallons, for the year ending November 30, 1905, 3,148,900,000 gallons, an increase of 361,800,000 gallons.

The overflow for this year being	3,510,700,000 gallons
and the entire consumption of water for the year being	3,386,180,600 "
The waste at the Dam exceeded the consumption by . .	124,519,400 gallons

RAIN-FALL.

The years 1905 and 1906 have both been unusually dry, and it is rare that two such dry years occur in succession.

The annual rain-fall for the past ten years at Fresh Pond is given in the following table: —

Year	Inches.
1897	42.53
1898	52.42
1899	37.28
1900	46.89
1901	46.20
1902	43.31
1903	44.23
1904	42 89
1905	32.68
1906	38.71
Average	42.71

The rain-fall for the year at Hobbs Brook Reservoir was 39.16 inches; at Stony Brook, 39.16 inches.

The rain-fall at Hobbs Brook in 1905 was 37.96 inches, showing a gain this year of 1.20 inches. The rain-fall at Stony Brook in 1905 was 38.40 inches, showing a gain of 0.76 inches.

CONSUMPTION OF WATER.

The total consumption of water for the year ending December 1, 1906, was	3,386,180,600 gallons
For the year ending December 1, 1905	3,294,159,640 "
Excess of consumption this year	92,021,960 "
The excess of consumption for the year ending December 1, 1905, over the year ending December 1, 1904, was .	83,177,495 "
An increase of . . . . (less than one day's supply.)	8,844,465 "

which is a small increase, in comparison with the amounts of annual increase during the last ten years, as will appear by reference to the tables printed in the report of the Superintendent.

In 1896, the total consumption was 2,413,506,557 gallons.

The consumption of the year 1906 being	3,386,180,600	gallons
and that of 1896	2,413,506,557	"
In ten years the consumption has increased . . .	972,674,043	"

or about forty per cent. an average of four per cent. annually for the ten years; but the increase in the consumption of 1906 over that of 1905 is so much less than four per cent. that it seems that the per cent. of increase is decreasing.

Increase of consumption is of course closely related to increase in population, although the ratio is not constant.

In 1906 the estimated population is . . .	99,934
In 1896 it was	81,643
An increase in ten years of	18,291

or about twenty-two per cent. an average of 2.2 per cent. per year.

Mr. Freeman C. Coffin, late Engineer-in-Chief of the Board, who died November 11 last, in his report to the Water Board dated December 1, 1903, made a certain computation of the probable daily consumption in following years, based on certain percentages of increase in population and consumption then accessible. Using those data, he predicted that in 1905 the population would be 104,300, and the daily consumption 9,434,000.

As the population in 1905 was 97,826 instead of 104,300, and the daily consumption 9,025,095 instead of 9,434,000, it follows that these figures should be revised Accordingly, diagrams representing the curves of population and consumption have been prepared, based on the percentages of increase shown by actual figures now, but not then, accessible, and two diagrams of these curves are herewith submitted. The differences between the original predictions of 1903 and the results based on subsequent experience are very instructive.

By reference to Diagram No. 2, giving the average daily consumption of water for the period 1901–1906, inclusive, it will appear that in 1917 the daily consumption of water, based on the ratio of increase during these five years, will be thirteen million gallons.

By reference to Diagram No. 3, giving the actual population since 1872, and the estimated future population based upon the ratio of increase for the past five years, it will appear that in the year 1917 the population, on that ratio, will be 115,000.

The curve of consumption includes, as a factor, the increase in population.

In other words, the curves of consumption and those of population are much flatter than those of Mr. Coffin, drawn in 1903, and annexed to his report.

The result of the construction of the new and second section of the pipe line just finished is, that, by weir measurement, the pipe line yields eleven and three-quarters millions gallons per day, as compared with a little over nine millions last year, which was the product of the first section. If the yield of Fresh Pond is added to this result, we have a daily supply of thirteen million gallons, which will apparently, if the latest ratios of increase of consumption and population, based on the last five years, remain constant, be sufficient until the year 1917, or, if meters shall be generally used, until a much later period.

From Mr. Coffin's printed tables and diagrams, in the report above referred to, a few figures are extracted and here inserted, and for comparison, other figures are shown, based on the facts which occurred since his tables were made, and the necessary deductions from these facts.

Mr. Coffin's Estimates.		Subsequent Experience.
1905 Daily Consumption	9,434,000 gal.	9,025,095 gal.
1905 Population	104,300	97,826
1906 Daily Consumption	9,950,000 gal.	9,277,207 gal.
1906 Population	108,000	99,934
		By annexed diagrams.
1915 Dailv Consumption	16,068,000 gal.	12,175,000 gal.
1915 Population	133,200	111,700

The figures given as taken from the "annexed diagrams" are based on the ratios of increase for the last five years. There will also be found on the diagrams, figures based on the ratios of increase for the last ten years. By inspection of the figures based on the experience of ten years, it will appear, on this more conservative basis, that a daily consumption of 13,000,000 gallons will not be reached until the year 1916.

The annexed diagrams have been prepared by Mr. Lewis D. Thorpe, the partner of the late Mr. Coffin, who since his recent decease, has had sole charge of his work. Mr. Coffin, if he had lived, would undoubtedly have revised his figures, in view of the actual results of the experience of the last three years. In the light of that experience, it would seem perfectly safe to predict that the water supply will be amply sufficient for five years at least, without further extensions.

NEW PIPE LINE.

Since the date of the last annual report, another section of the new pipe line has been constructed, extending from Irving Street in Watertown to River Street near Newton Street in Waltham. The total length of this section, from the junction of the conduit built in 1905, to River Street is 15,280 feet. About 15,240 feet are of concrete, five feet, three inches in diameter, and the remaining forty feet are of 42-inch cast iron pipe, branches and gates, which are located at the connection with the present 30-inch cast iron main at River Street.

The total length of conduit now built from the inlet into Fresh Pond to the junction of the 30-inch main at River Street is 27,405 feet. Of this total length, 26,740 feet are of concrete, and the balance of 30-inch and 42-inch cast iron pipe. The difference in elevation between the ends of the new section of the conduit at River Street and at Irving Street is 4.94 feet.

The total length of the old conduit from Stony Brook Dam to Fresh Pond is eight and one-third miles.

Three different portions of the new section will be under pressure. In two portions, one at Watertown Square, and the other in the private land near the Boston & Maine Railroad, and on Waltham Street there will be a maximum head of about 18 feet. These two sections were reinforced with steel rods placed vertically, and spaced 12 inches apart. The third pressure section is in Waltham Street near Rutland Street. It was not considered necessary to reinforce this section.

Great care was taken to make the inside of the conduit as smooth and tight as possible, and, as parts of it were under pressure, the surface was plastered and brushed with neat cement mortar, thus making the conduit as tight as it could possibly be made. The cost of plastering the conduit has increased the cost of the concrete about 31 cents per cubic yard, or 23 cents per linear foot.

The first excavation for the new section was begun on Arsenal Street, Watertown, May 21st, last, and the first concrete was laid May 25th. The dimensions of the conduit are as follows: 5 feet, 3 inches inside diameter, 6 inches in thickness on the bottom, 13 inches on the sides at the springing line, and 7 inches on top. These dimensions are the same as were used throughout the construction of the section built in 1905.

The water was turned on December 12th, and the conduit has been in use since that date.

The cost of the first section was $245,708.35, which will be increased somewhat by a few land damage claims not yet adjusted.

The cost of the second section to November 30, 1906, was $278,404.84.

Since December 1st, current, the following additional items have accrued: —

Unpaid wages	$1,322 34
Other unpaid bills about	7,000 00
Estimated cost of finishing the work .	2,000 00
In all	$10,323 34
To this add cost to December 1st . .	278,404 84
and the result is	$288,728 18

Besides this, there is a liability to the Town of Watertown and City of Waltham for re-surfacing streets, the amount of which can only be ascertained when the work is done, and also sundry claims for land damages, the amount of which it is impossible to estimate at present.

Owing to the greater length of the new section, the expense of construction has been necessarily much larger than that of the first section. In addition to this, the expense of construction has been increased by the necessity of reinforcing part of the new line with steel rods embedded in the concrete as above stated, in places where the conduit is exposed to pressure; also by the expense of constant pumping on account of an unusual flow of ground-water, also by the necessity of piling, on account of wet and marshy ground encountered, and by other items of expense which were not rendered necessary in the construction of the first section last year.

The labor cost is about the same per foot as last year, if due allowances are made for the changed conditions. Many of the workmen were employed last year, and, therefore, had the benefit of experience. Some of them had to be discharged for inefficiency, but on the whole, it is believed that they worked as well as the men employed in City Departments usually work, and, so far as the result is concerned, the Board are satisfied that the new section was well and thoroughly constructed, and will do excellent service.

The engineers, superintendent of construction, and section foremen were faithful and skilful men and the Board are well satisfied with their work, and its results.

METERS.

The Board have caused to be set this year eighty-two meters. There are now in use two thousand nine hundred thirty-five.

The number of water-supplies is 15,062, so that the proportion of metered supplies is only 19 per cent. This is a very small percentage, in comparison with the percentage of meters in other cities of the Commonwealth. The Board have had many applications for meters from water-takers who prefer to pay for their water by measured service, but having no appropriation for that purpose, have been obliged to refuse these applications.

FRESH POND PARK.

During the past year the Board have had no appropriation for the improvement of Kingsley Park, and only sufficient funds for ordinary maintenance. They do not recommend any extraordinary expenditure during the coming year. A few items of improvement ought to receive early attention. There should be roofs constructed over the stone look-offs already constructed, and, above all, some sanitary arrangements and one drinking fountain. The necessity for these things is apparent, when the large number of people who resort to that place for recreation each day is taken into account. The expense required would not be large, and the health of the public demands it.

The Board trust that the City Council will make a reasonable appropriation for these purposes, to be charged to surplus water receipts.

Respectfully submitted,

WILLIAM B. DURANT,
GEO. H. HOWARD,
JOHN F. O'BRIEN,
EDMUND H. STEVENS,
ANDREW J. RADY,

Cambridge
Water
Board.

REPORT OF THE WATER REGISTRAR

WATER REGISTRAR'S OFFICE,
CAMBRIDGE, December 1, 1906.

To the Cambridge Water Board: —

In compliance with the requirements of the City Ordinance I present the forty-second annual report of the operations of this Department, showing the receipts, expenditures and abatements, together with a statement of the number of water takers, etc., for the year ending November 30, 1906.

Amount of bills remaining unpaid November 30, 1905: —

Water rates	$8,148 39
Supplies and repairs	1,210 34
Off and on	168 00
Seals	5 75
Maintenance account	2,437 34
Construction account	627 96
Rent	8 00

Amount of bills placed in hands of City Treasurer for collection from November 30, 1905, to November 30, 1906: —

Water rates	$359,610 91	
Supplies and repairs	4,137 21	
Off and on	418 00	
Rents	168 00	
Seals	61 50	
Maintenance account	1,112 90	
Construction account	3,546 05	
Total bills		$381,660 35

There has been collected: —

Water rates	$357,280 19
Supplies and repairs	4,085 17
Off and on	418 00
Rents	176 00
Seals	65 25
Maintenance account	1,217 35
Construction account	3,627 24

There has been abated: —

Water rates, off and on, and seals, supplies and repairs, and Construction account	$3,198 65	

There remains uncollected: —

Water rates,	7,895 06	
Supplies and repairs	1,245 52	
Off and on	153 00	
Seals	2 00	
Maintenance account	1,750 15	
Construction account	546 77	
		$381,660 35

EXPENDITURES.

Construction account	$318,460 76	
Maintenance account	73,583 31	
		$392,044 07

ABATEMENTS.

Water rates, and supply and repair bills to the amount of		$3,198 65

REFUNDS.

Water rates to the amount of	$1,511 72	
Which amount deducted from receipts	357,280 19	
Leaves net receipts for water	$355,768 47	
Add off and on, fines, rents, seals and Maintenance account	1,876 60	
Makes net receipts of rates, fines, etc.		$357,645 07

OFF AND ON.

Water has been shut off for non-payment of rates, or per order on account of vacancy, and seals have been applied to fixtures by request of owners, as follows: —

Water shut off in 1906	483
Supplies let on, shut off in 1906	370
Supplies let on, shut off in previous years	117
New supplies let on	126
Seal locks applied to fixtures in 1906	456
Seal locks removed, put on in 1906	241
Seal locks removed, put on in previous years	238

Statement of yearly revenue received from water rates since the purchase of the works by the City: —

From April 28, 1865, to December 1, 1865	$32,367 19
From December 1, 1865, to December 1, 1866	40,073 27
From December 1, 1866, to December 1, 1867	53,733 62
From December 1, 1867, to December 1, 1868	63,747 42

From December 1, 1868, to December 1, 1869	$76,149 30
From December 1, 1869, to December 1, 1870	92,605 95
From December 1, 1870, to December 1, 1871	111,782 65
From December 1, 1871, to December 1, 1872	127,201 30
From December 1, 1872, to December 1, 1873	146,117 32
From December 1, 1873, to December 1, 1874	153,634 27
From December 1, 1874, to December 1, 1875	138,880 37
From December 1, 1875, to December 1, 1876	179,166 76
From December 1, 1876, to December 1, 1877	154,843 59
From December 1, 1877, to December 1, 1878	157,443 91
From December 1, 1878, to December 1, 1879	164,681 90
From December 1, 1879, to December 1, 1880	173,325 49
From December 1, 1880, to December 1, 1881	170,062 73
From December 1, 1881, to December 1, 1882	177,430 80
From December 1, 1882, to December 1, 1883	179,361 89
From December 1, 1883, to December 1, 1884	161,526 27
From December 1, 1884, to December 1, 1885	185,544 36
From December 1, 1885, to December 1, 1886	199,404 43
From December 1, 1886, to December 1, 1887	204,748 64
From December 1, 1887, to December 1, 1888	211,156 27
From December 1, 1888, to December 1, 1889	221,124 70
From December 1, 1889, to December 1, 1890	231,116 32
From December 1, 1890, to December 1, 1891	227,054 53
From December 1, 1891, to December 1, 1892	237,527 08
From December 1, 1892, to December 1, 1893	242,219 78
From December 1, 1893, to December 1, 1894	250,032 71
From December 1, 1894, to December 1, 1895	268,813 62
From December 1, 1895, to December 1, 1896	281,030 00
From December 1, 1896, to December 1, 1897	291 457 62
From December 1, 1897, to December 1, 1898	297,129 78
From December 1, 1898, to December 1, 1899	302,569 00
From December 1, 1899, to December 1, 1900	319,479 37
From December 1, 1900, to December 1, 1901	320,468 01
From December 1, 1901, to December 1, 1902	323,500 53
From December 1, 1902, to December 1, 1903	333,777 34
From December 1, 1903, to December 1, 1904	339,109 27
From December 1, 1904, to December 1, 1905	343,916 00
From December 1, 1905, to December 1, 1906	355,768 47

COMPARATIVE STATEMENT.

	1905		1906	
CONSTRUCTION ACCOUNT. (HOBBS BROOK CONDUIT.)				
Received.				
From sale of bonds...............	$250,000 00		$280,000 00	
From premium on bonds issued..			18,927 70	
From sale of cement............	1 50	$250,001 50		$298,927 70
Expended				
Construction of concrete conduit...........................	$226,337 47		$297,275 72	
Balance to credit of account......	23,664 03	250,001 50	1,651 98	298,927 70
CONSTRUCTION ACCOUNT. (HOBBS BROOK RESERVOIR.) (GENERAL.)				
Received.		$10,800 00		$75 00
Expended.				
Construction of reservoir, land settlements, services of City Solicitor, etc...................	$2,191 32			
Balance to credit of Construction Account......................	8,608 68	10,800 00		75 00
CONSTRUCTION ACCOUNT. (GENERAL.)				
Received.				
From sale of bonds...............	$21,903 49		$19,600 00	
Sale of old materials, etc.........	800 29	$22,703 78	3,627 24	$23,227 24
Expended.				
Sundry bills and pay rolls........	14,541 14		$19,599 81	
Balance to credit of account......			3,627 43	
Meters and setting.........	4,343 51			
Examination of Stony Brook Main..........................	3,819 13	22,703 78		23,227 24
CONSTRUCTION ACCOUNT. (BROAD CANAL CONDUITS.)				
Received.				
From sale of bonds..............				$23,000 00
Expended.				
Sundry bills.......................			$190 46	
Balance to credit of account.....			22,809 54	23,000 00
CONSTRUCTION ACCOUNT. (METERS).				
Received.				
From sale of bonds				$395 00
Expended.				
Sundry bills.......................			$394 77	
Balance to credit of account......			23	395 00
CONSTRUCTION ACCOUNT. (HOBBS BROOK LAND SETTLEMENTS.)				
Received.				
From sale of bonds................				$5,000 00
Expended.				
Balance to credit of account.....				5,000 00

COMPARATIVE STATEMENT.—*Concluded.*

	1905		1906	
CONSTRUCTION ACCOUNT. (SERVICES OF CITY SOLICITOR)				
Received.				
From sale of bonds				$1,000 00
Expended.				
Services of City Solicitor			$1,000 00	1,000 00
MAINTENANCE ACCOUNT.				
Received.				
From "Rates, fines, etc."	$354,097 90		$366,440 61	
Accrued interest on bonds sold	1,085 97		1,529 24	
Interest for 1904 reappropriated	3,176 40	$358,360 27		$367,969 85
Expended.				
Care and repairs	$25,821 30		$24,999 47	
Salaries	10,499 00		10,801 67	
Work at Fresh Pond	11,799 28		9,110 92	
Work at Fresh Pond Grading	4,285 50		1,928 02	
Hobbs Brook Reservoir	1,756 71		1,484 13	
Payson Park Reservoir	1,483 09		849 30	
Stony Brook Reservoir	2,195 21		2,392 88	
Pumping, Salaries and other expenses	15,060 92		19,867 37	
Ice for drinking fountains	484 29		649 55	
Services of City Treasurer			1,500 00	
Purchase of Metropolitan water	28,458 50			
Rent	1,200 00			
Refunds	1,879 07		1,511 72	
Abatements	2,885 33		3,198 65	
Sinking Fund	121,522 50		123,247 50	
Interest on water debt	135,506 50		143,827 75	
Serial bond paid			12,500 00	
Excess of receipts		364,837 20	10,100 92	367,969 85
Maintenance account, deficit in receipts		6,476 93		
The excess receipts as shown above have been disposed of as follows, viz.:				
In payment of deficit of last year			$6,476 93	
Carried to Sinking Fund			3,623 99	$10,100 92

In addition to the manufactories, business blocks, houses, etc., supplied through meters, water is supplied to 16,519 families, 500 stables, 1,459 horses, 83 cows, 142 shops, 366 offices and stores by the following fixtures: —

18,962 faucets.
7,017 wash basins.
10,041 wash tubs.
6,454 bath tubs.
119 slop closets.
16,926 water closets.

3 hopper closets.
29 urinals.
7 yard hydrants.
11 tumbler washers.
1,387 hand hose.
6 motors.

Also,

1,046	fire hydrants (besides 19 on private premises).
8	fire reservoirs.
69	street watering standpipes.
29	drinking fountains in public squares.
4	public sanitaries.

The above schedule of fixtures does not include those in school houses, engine houses, police stations and other City buildings, or where the use of water is covered by meter.

The usual house-to-house inspection has been made.

Respectfully submitted,

WALTER H. HARDING,
Registrar.

ANNUAL STATEMENT OF THE WATER REGISTRAR TO THE COMMITTEE ON ACCOUNTS, DECEMBER 1, 1905

Uncollected November 30, 1905: —			
Water rates	$8,148 39		
Supplies and repairs	1,210 34		
Off and on	168 00		
Seals	5 75		
Maintenance account	2,437 34		
Construction account	627 96		
Rent	8 00	$12,605 78	
Bills placed in the hands of the City Treasurer for collection from December 1, 1905, to December 1, 1906: —			
Water rates	$359,610 91		
Supplies and repairs	4,137 21		
Off and on	418 00		
Rents	168 00		
Seals	61 50		
Maintenance account	1,112 90		
Construction account	3,546 05	369,054 57	
Total bills			$381,660 35
There has been collected: —			
Water rates	$357,280 19		
Supplies and repairs	4,085 17		
Off and on	418 00		
Rents	176 00		
Seals	65 25		
Maintenance account	1,217 35		
Construction account	3,627 24		$366,869 20
There has been abated: —			
Water rates, off and on, and seals, supplies and repairs, and Construction account		$3,198 65	

There remains uncollected: —

Water rates	$7,895 06		
Supplies and repairs	1,245 52		
Off and on	153 00		
Seals	2 00		
Maintenance account	1,750 15		
Construction account	546 77		
		$11,592 50	
Total bills for collection			$381,660 35
Less abated	$3,198 65		
Less refunded	1,511 72		
Less unpaid	11,592 50		
			16,302 87
Net receipts			$365,357 48

Attest:

WALTER H. HARDING,
Registrar.

CAMBRIDGE, December , 1906.

We have examined the accounts of the Water Registrar and find that they correspond in the amounts collected, abated, refunded, and uncollected with the statement submitted by the City Treasurer and verified by the City Auditor.

Committee on Accounts.

CAMBRIDGE, MASS.,
OFFICE OF THE CITY TREASURER.

To the Cambridge Water Board:—

I give you herewith a record of the transactions between the Water Office and the City Treasurer's Office during the year ending November 30, 1906.

Gross collections for account of Water Works — Maintenance, Water Rates and Supply Accounts	$366,440 61
Gross collections for account of Water Works — Construction Account	3,627 24
Abatement certificates received and paid on Water Rates . .	3,198 65
Refund certificates received and paid on Water Rates . . .	1,511 72
Uncollected bills in my hands November 30, 1906, for account of Water Rates, Maintenance and Supply Accounts . . .	11,045 73
Uncollected bills November 30, 1906, for account of Construction .	546 77

Very respectfully,

WM. W. DALLINGER,
City Treasurer.

I have examined the above statement and find the same correct.

HARRY T. UPHAM,
City Auditor.

REPORT OF THE SUPERINTENDENT OF WATER WORKS

CAMBRIDGE, December 1, 1906.

To the Honorable Water Board of the City of Cambridge: —

GENTLEMEN: —Complying with the City Ordinance, I herewith submit the annual report of the Superintendent for the year ending November 30, 1906.

	Gallons.
Total water consumed	3,386,180,600
Quantity of water sold by meter	1,252,836,750
Quantity of water used for sprinkling streets	75,420,850
Quantity of water used for flushing sewers	5,200,000
Quantity of water used for cleaning sanitaries	7,500,000
Quantity of water used for public buildings	43,765,335
Quantity of water used for drinking fountains	35,000,000
Quantity of water used for testing meters	41,137
Quantity of water used for fire purposes	4,720,000

Number of gallons daily for each inhabitant on the total amount consumed, 92.83.

COMPARATIVE STATEMENT OF TOTAL CONSUMPTION DURING THE PAST TEN YEARS.

Date.	Total Yearly Consumption.	Increase or Decrease	Average Daily Consumption.	Increase or Decrease.	Gallons to each Inhabitant Daily.	Estimated Population.
1897	2,441,340,196	27,833,639 increase	6,688,603	94,323 increase	76.46	87,480
1898	2,792,321,110	350,980.914 "	7,650,195	961,592 "	85.69	89,276
1899	2,882,570,430	90,249,320 "	7,897,453	247,258 "	87.16	90,607
1900	2,651,277,240	231,293,190 decrease	7,263,773	633,680 decrease	78.69	92,30
1901	2,785,156,440	133,879,200 increase	7,630,566	366,793 increase	80.87	92,716
1902	2,930,553,545	145 397,105 "	8,028,914	398,348 "	85.27	94,152
1903	3,160,704,360	230,150,815 "	8,659,463	630,549 "	89.56	96,685
1904	3,210,982,145	50,277,785 "	8,773,175	113,712 "	89.68	97,825
1905	3,294,159,640	83,177,495 "	9,025,095	251,920 "	92.63	97,426
1906	3,386,180,600	92,020,960 "	9,277,207	252,112 "	92.83	99,934

Total amount of coal consumed	4,316,255 lbs.
Daily average coal consumed	11,277 "
Coal consumed per million gallons pumped	1,275 "
Highest water elevation in Fresh Pond was on May 31 . . .	16.74
Lowest water elevation in Fresh Pond was on December 9 . .	12.65
Average height of water in Fresh Pond	15.00
Highest water elevation in Stony Brook Reservoir was on March 29	82.12
Lowest water elevation in Stony Brook Reservoir was on July 20	79 85

Highest water elevation in Hobbs Brook Reservoir No. 1, Lincoln Street, was on March 31	181.70
Lowest water elevation in Hobbs Brook Reservoir No. 1, Lincoln Street, was on November 1	180.35
Highest water elevation in Hobbs Brook Reservoir No. 2, Winter Street, was on March 31	181.65
Lowest water elevation in Hobbs Brook Reservoir No. 2, Winter Street, was on November 1	176.75
Total rainfall at Fresh Pond Pumping Station	38.71
Total rainfall at Stony Brook Reservoir	39.16
Total rainfall at Hobbs Brook Reservoir . , ...	39.16

TOTAL RAINFALL FOR THE PAST TEN YEARS.

	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
December	1.63	4.31	2.00	1.30	1.74	7.71	4.37	2.87	1.92	3.63
January........	3.32	4.75	3.85	4.40	1.55	1.97	3.19	5.00	3.47	2.46
February	2.36	3.61	3.99	7.34	.79	4.29	3.50	3.00	1.09	2.73
March	2.66	2.03	5.94	5.10	6.89	6.16	4.89	2.35	2.52	5.67
April...........	2.82	6.22	1.32	1.99	8.80	3.56	3.98	8.57	2.87	2.02
May	4.24	3.92	.77	5.52	6.96	1.08	.35	3.58	1.30	5.73
June	5.16	1.82	3.17	2.75	1.33	2.40	8.46	2.74	4.41	3.81
July	4.68	4.50	3.12	2.31	4.70	3.14	3.72	1.70	1.86	3.26
August.........	5.06	7.34	3.21	2.80	4.17	3.62	3.81	2.53	3.06	1.43
September	3.22	1.78	4.63	4.40	3.74	3.36	1.72	5.87	5.97	2.31
October	.55	7.22	3.08	3.75	2.86	4.65	4.54	1.85	1.30	2.86
November......	6.83	4.92	2.20	5.23	2.67	1.37	1.70	2.83	2.91	2.80
Total	42.53	52.42	37.28	46.89	46.20	43.31	44.23	42.89	32.68	38.71

TOTAL RAINFALL FOR THE PAST TEN YEARS AT FRESH POND, STONY BROOK AND HOBBS BROOK RESERVOIR.

Year.	Fresh Pond Reservoir.	Stony Brook Reservoir.	Hobbs Brook Reservoir.
	Inches.	Inches.	Inches.
1897.........................	42.53	43.35	.....
1898	52.42	54.03	.....
1899.........................	37.28	43.96	34.22
1900.........................	46.89	51.34	45.89
1901........................	46.20	46.77	43.72
1902.........................	43.31	44.58	42.24
1903...................... ..	44.23	45.97	47.42
1904.....	42.89	41.18	39.95
1905.........................	32.68	38.40	37.96
1906.........................	38.71	39.16	39.16

FRESH POND AND SURROUNDINGS.

No new work has been undertaken this year around the Pond; all labor having been on the care of the shrubs and the maintenance of the roadways together with the care of the Pond itself.

I would respectfully renew the recommendation of last year that a suitable sanitary be provided at Kingsley Park and that the shelters for the look offs be built according to the plans we have had prepared.

Also that a drinking fountain be provided.

Many of the trees and shrubs in the nursery are getting to be so large that they should either be used or sold as they will soon be too large to handle to advantage. It should seem as though some of this material might be used by the Park Department to advantage.

The destruction of the Gypsy and Brown Tail Moth nests and the San Jose scale have received the most careful attention and I am confident that we have the shrubs and trees in much better condition than last year. We are, however, unfortunate in having a large extent of territory north of Concord Avenue that receives very little attention and furnishes a breeding place for these pests.

Average height of Pond, 15.00; highest, 16.74; lowest, 12.65.

Grass not needed by the Department has been sold by auction to the highest bidder.

Fresh Pond Reservoir.

	Lowest Elevation During Month.	Highest Elevation During Month.	Monthly Rainfall.
1905			
December 9	12.65		
December 31		13.16	3.63
1906			
January 1	13.21		
January 31		14.03	2.46
February 1	14.06		
February 28		14.62	2.73
March 3	14.64		
March 31		16.01	5.67
April 1	16.06		
April 24		16.57	2.02
May 27	16.21		
May 31		16.74	5.73
June 1		16.62	
June 30	16.15		3.81
July 4		16.52	
July 29	16.15		3.26
August 1		16.23	
August 31	15.57		1.43
September 1		15.50	
September 30	14.79		2.31
October 1		14.87	
October 20	13.80		2.86
November 1		13.84	
November 11	12.66		2.80
Total			38.71

PUMPING STATION.

All water used during the past year has been pumped by the Leavitt engine.

The engine and boilers are in good condition and have required very few repairs during the past year.

The buildings are in good condition and with the exception of some slight changes in the coal shed should need very little repairs during the coming year.

The grounds about the station need to be plowed up and re-seeded.

The report of the Chief Engineer is appended.

FRESH POND PUMPING STATION.

	Total running time.	Daily average running time.	Total water pumped.	Daily average water pumped.	Total coal consumed.	Daily average coal consumed.	Rainfall.	Average height of pond.
1905.	Hours.	Hours.	Gallons.	Gallons.	Lbs.	Lbs.	In.	Feet.
December.........	367.00	11.84	283,005,800	9,129,219	360,275	11,622	3.63	12.82
1906.								
January...........	359.00	11.58	278,059,760	8,969,669	365,315	11,784	2.46	13.62
February	322.00	11.50	251,824,760	8,993,741	324,350	11,584	2.73	14.28
March	355.50	11.47	275,136,400	8,875,367	348,000	11,225	5.67	15.30
April	347.00	11.56	271,626,080	9,054,202	342,510	11,417	2.02	16.40
May	364.50	11.76	287,364,440	9,269,820	361,570	11,663	5.73	16.47
June...............	370.75	12.35	292,419,160	9,747,305	359,800	11,993	3.81	16.33
July	368.00	11.87	289,279,320	9,331,591	364,975	11,773	3.26	16.32
August	379.00	12.22	299,101,880	9,648,448	380,300	12,268	1.43	15.91
September	366.00	12.20	290.508,240	9,683,608	366,860	12,228	2.31	15.11
October	357.00	11.51	283,739,280	9,152,880	370,000	11,935	2.86	14.30
November.........	358.00	11.93	284,115,480	9,470,516	372,300	11,410	2.80	13.00
Total............	4313.75	......	3,386,180,600	......	4,316,255	......	38.71	......
Daily average...	......	11.82	......	9,277,207	......	11,277	....	15.00

OPERATING EXPENSES AT PUMPING STATION.

Advertising	$8 25
Building repairs	60 98
Castings	4 47
Dial	4 75
Disinfectants	4 40
Electric work and supplies	22 92
Engine and boiler repairs and supplies . .	173 31
Expressage	7 15
Amount carried forward	$286 23

Amount brought forward	$286 23
Fuel	11,009 87
Hardware, tools and repairs	152 42
Inspector of boilers	5 00
Ice	26 00
Mason work	22 20
Oil, waste and packing	618 95
Painting and glazing	2 50
Telephone	49 50
Sealer of weights and measures	1 89
Stationery and printing	2 00
Traps with water gauge	22 80
Track repairs	103 47
Wagon for coal	67 90
	$12,370 73
Salaries and labor	7,496 64
	$19,867 37

FORTY-INCH STEEL MAIN.

These mains have given no trouble the past year. The exposed portions of the pipe above the bridge have been scraped and painted.

PAYSON PARK RESERVOIR.

Nothing more than the care of the grounds and buildings has been required during the past year. The fence will need painting the next season.

PIPE YARD.

The buildings at the yard have been thoroughly repaired and painted and the sheds have been shingled.

All are now in good condition.

HIGH SERVICE.

The high service has been discontinued and all sections of the city are now supplied with reservoir pressure.

The check valves have been removed with the exception of the one on Concord Avenue near Buckingham Street which will be taken out in the Spring.

LEAKAGE.

Twenty-two hundred seventy-four (2,274) leaks have been reported and stopped during the year. They were found as follows:—

One hundred eighty-one (181) on supplies.
Six (6) on four-inch mains.
Six (6) on six-inch mains.
Four (4) on eight-inch mains.
Three (3) on twelve-inch mains.
One (1) on sixteen-inch main.
Two (2) on twenty-four-inch mains.
Three (3) on hydrants.
Four (4) on gates.
Two (2) on street watering standpipes.
One (1) on fountain.
Two thousand fifty-nine (2,059) on premises.
One (1) on thirty-inch pipe line in Mt. Feake Cemetery, Waltham.
One (1) at pumping station.

Twenty-four (24) leaks included above were caused by electrolysis.

Of the number on premises, two thousand fifty-three (2,053) were discovered by the Inspectors while on their annual canvass of fixtures, they are classified as follows:—

Two (2) on sill cocks.
Five (5) on wash trays.
Four hundred five (405) on faucets.
Fifteen hundred sixty-six (1,566) on water closets.
Thirteen (13) on tanks.
Thirty-two (32) on basins.
Seventeen (17) on baths.
Eleven (11) on pipes.
Two (2) on valves.

These leaks were repaired by the owners of the property.

Total number of leaks during past six years:

1901	2,302
1902	2,339
1903	2,281
1904	2,114
1905	2,191
1906	2,274

TABLE SHOWING GAIN IN THE TOTAL CONSUMPTION FOR THE YEAR 1906 OVER THE YEAR 1905.

	Total Consumption 1906.	Total Consumption 1905.	Increase.	Decrease.
1905				
December	283,005,800	302,059,120	....	19,053,320
1906				
January	278,059,760	295,083,800	....	17,024,040
February	251,824,760	288,451,680	....	36,626,920
March	275,136,400	278,379,200	....	3,242,800
April	271,626,080	263,017,040	8,609,040	....
May	287,364,440	284,889,880	2,474,560	....
June	292,419,160	263,732,040	28,687,120	....
July	289,279,320	291,765,320	....	2,486,000
August	299,101,880	247,066 120	52.035,760	....
September	290,508,240	263,706,320	26,801.920	....
October	283,739,280	272,439,640	11,299,540	....
November	284,115,480	243,569,480	40,546,000	....
Total	3,386,180,600	3,294,159,640	92,020,960	....

MAIN PIPE.

The thirty-inch, the twenty-four-inch and the ten-inch pumping mains, from Huron Avenue to Reservoir Street, at the location of the old reservoir and through the land of the Hooper Heirs, have been discontinued and a new thirty-inch line has been laid through Huron Avenue and Reservoir Street to take the place of these old mains.

This change was made necessary by order of the Court.

There have been no renewals of main pipe used for distribution during the year.

In Albany Street from Massachusetts Avenue to beyond Portland Street, the eight-inch main has been raised to conform to new street surfacing, and in Putnam Avenue from River Street to Pleasant Street the sixteen-inch main has been raised for the same purpose.

Compared with previous years, a very small amount of offsetting of main pipe has been done for the accommodation of the Sewer Department.

In addition to the usual and general inspection and blowing off of the main pipes, the dead ends and mains in various streets, as requested by various consumers, have been blown off.

Blow-offs have been set in thirteen new locations.

MAIN PIPE LAID, NUMBER OF GATES AND FIRE HYDRANTS.

LOCATION.	IRON PIPES.		GATES.	HYDRANTS.
	Feet.	Size.	Size.	Kind.
		Ins.	Inches.	
Aberdeen Avenue, blow-off	3½	1½		
Albany Street, from extension from Pacific Street	143	12		
Albany Street, 225 feet from Pacific Street	7½	6		Chapman.
Arcadia Street, from Eustis Street to Harris Court	202	4		
Arcadia Street, at Eustis Street	2	6	4	
Arcadia Street, at Harris Court			4	
Athens Street, from Grant Street, northerly	127	4		
Athens Street, at Grant Street, northerly	2	6	4	
Beech Street, at Orchard Street	6½	6		Chapman.
Berkshire Street, from Portland Street, north	82	4		
Berkshire Street, at Portland Street, north			4	
Bridge Street, near new dam				Holyoke.
Brookline Street, blow-off	3	1½		
Brown Street	12	6		Chapman.
Bryant Street, from Francis Avenue to Irving Street	294	6		
Bryant Street, at Francis Avenue				Chapman.
Bryant Street, at Irving Street			6	
Bryant Street, at Irving Street				Chapman.
Camp Street, near Fair Oaks Street	8			Chapman.
Clifton Street, opposite Dudley Street	8½	6		Chapman.
Columbia Street, corner Washington Street				Chapman.
Concord Avenue, from Lake View Avenue, west	3,003	6		
Concord Avenue, at Lake View Avenue, west			6	
Concord Avenue, at Smith Place, blow-off	3	1½		
Concord Avenue, at Water Works barn				Coffin.
Concord Avenue, at Water Works barn				Boston.
Craigie Terrace, from Craigie Street	218	4		
Craigie Terrace, at Craigie Street			4	
Craigie Terrace, blow-off	3½	1½		
Cutler Avenue, at Huron Avenue, south	2	4	4	
Deacon Street, blow-off	3½	1½		
Deacon Street, blow-off	3½	1½		
Decatur Street	93	¾		
Decatur Street, from Sidney Street	27	6		
Decatur Street, at Sidney Street			6	
Donnell Street, corner Tuttle Street	15	6		Chapman.
Erie Street, from Brookline Street, east	209	6		
Erie Street, at Brookline Street, east			6	
Erie Street, blow-off	3½	1½		
Fayerweather Street, blow-off	3½	1½		
Flagg Street, corner Beaver Street	2	6		Coffin.
Francis Avenue, at Bryant Street	16	4		
Green Street, corner Sidney Street, blow-off	3½	1½		
Hawthorne Avenue, from Brattle Street, northerly	702	6		
Hawthorne Avenue, at Brattle Street, north			6	
Hawthorne Avenue, end of pipe, blow-off	3	1½		
Huron Avenue, from Reservoir Street to location of old pumping mains	692	30		
Irving Street, corner Bryant Street	8	8		
Main Street, at Wadsworth Street	13	8		
Montgomery Street, between Francis and Olive Places	10	6		Chapman.
Orchard Street, near Tenney Street	7	6		Chapman.
Pacific Street, at Sidney Street	2	8	8	
Parker Street, corner Buckingham Street	10	6		Chapman.
Pearl Terrace, extension	242	4		
Portland Street, corner Main Street				Coffin.
Raymond Street, at City stable	18½	6		Chapman.
Raymond Street, supply on Street Depart. premises)	326	6		
Raymond Street, at property line			6	
Reardon Street, from Waverly Street, south	284	4		
Reardon Street, at Waverly Street, south			4	
Reardon Street, blow-off, near railroad crossing	3½	1½		
Reed Street, opposite Reed School	2	6		Chapman.
Reservoir Street, from Huron Avenue to location of old pumping mains	665	30		
Second Street, at Rogers Street	8	6		Chapman.
Sidney Street, 300 feet from Erie Street	6½			Chapman.
Sidney Street, from Pacific Street	505	12		

MAIN PIPE LAID, NUMBER OF GATES AND FIRE HYDRANTS.

Concluded.

LOCATION.	IRON PIPES.		GATES.	HYDRANTS.
	Feet.	Size.	Size.	Kind.
		Ins.	Inches.	
Sidney Street, from extension, from Erie Street	272	12	....	....
Somersett Street, connected to Putnam Avenue	40½	......	....	....
Sparks Street Place, at elbow	36	4	....	....
Sparks Street Place, at Huron Avenue	....	......	4	....
Wadsworth Street, from Main Street, south	79	8	....	....
Wadsworth Street, at Main Street, south	....	......	8	....
Walnut Avenue, at Upland Road	....	......	6	....
Washington Avenue, at Upland Road	....	......	6	....
Waverly Street	170	1	....	....
Webster Avenue, corner Bristol Street	14	6	....	Chapman.
Wilbur Street, at Harvey Street	8	6	....	Chapman.
York Street, from Berkshire Street, southerly	159½	4	....	....
York Street, at Berkshire Street, south	....	......	4	....
York Street, blow-off	3½	1½	....	....

SUPPLIES.

At date, there are fifteen thousand sixty-two (15,062) supplies.

There have been one hundred twenty-nine (129) supplies laid during the year, see page 41 for number, size, etc., etc.

One hundred twenty (120) were laid of galvanized wrought iron pipe in sizes from three-quarter-inch to two-inch; two (2) were of lead lined pipe; one (1) of tin lined pipe, and six (6) of cast-iron pipe, and are as follows: —

4-inch for Charles River Basin Commission, Bridge Street.
4-inch for Dunster Hall, Dunster Street.
4-inch for National Casket Company, First Street.
4-inch for Ward, Corby Company, Albany Street.
6-inch for Bell Confectionery Company, Sixth Street.
8-inch for George W. Seaverns Piano Action Company, Sidney Street.

The supplies laid temporarily for the Sewer Department are not included above as they have been removed.

In Albany Street eight (8) supplies were raised and renewed when the main pipe was changed. In Putnam Avenue also seven (7) supplies were renewed and raised to conform to new grade of street.

Two hundred thirty (230) supplies have been renewed, either at the request of owners where supply was inadequate, or where leakage necessitated a change.

One hundred thirteen (113) service boxes have been set on old supplies.

The service boxes have been carefully inspected in all parts of the City and as occasion required have been raised or lowered to conform to the street grade.

Following is the list of manufactories, etc., which receive fire protection from the Cambridge Water Works: —

American Rubber Co.,	Binney Street,	Two 6-in.
American Net & Twine Co.,	Third Street,	Two 6-in.
American Net & Twine Co.,	Third Street,	8-in.
American Vulcanized Fibre Co.,	Tannery Street,	2-in.
Barber Asphalt Paving Co.,	First Street,	6-in.
Bay State Metal Works,	Harvard Street,	6-in.
Bell Confectionery Co., J. S.,	Sixth Street,	6-in.
Blacker & Shepard,	Osborn Street,	2-in.
Blake & Knowles Steam Pump Works,	Binney Street,	8-in.
Blake & Knowles Steam Pump Works,	Third Street,	4-in.
Blanchard Machine Co.,	State Street,	6-in.
Boston Book Binding Co.,	Mt. Auburn Street,	6-in.
Boston Book Binding Co.,	Mt. Auburn Street,	4-in.
Boston Elevated Railway Co.,	Baldwin Street,	2-in.
" " " "	Baldwin Street,	4-in.
" " " "	Cambridge Street,	Two 2-in.
" " " "	Pelham Street,	Three 4-in.
" " " "	Massachusetts Avenue,	4-in.
" " " "	Mt. Auburn Street,	4-in.
" " " "	Mt. Auburn Street,	2-in.
" " " "	Murray Street,	4-in.
" " " "	River Street,	4-in.
Boston & Maine Railroad,	Bridge Street,	4-in.
" " "	Bridge Street,	6-in.
" " "	East Street,	6-in.
" " "	Prison Point Street,	4-in.
Boston Woven Hose & Rubber Co.,	Portland Street,	Two 8-in.
Cambridge Gas Light Co.,	Third Street,	6-in.
Cambridge Electric Light Co.,	Western Avenue,	6-in.
Cambridge Laundry,	Kinnaird Street,	6-in.
Cambridge Mutual Fire Insurance Co.,	Massachusetts Avenue,	2-in.
Charles River Basin Commission,	Bridge Street,	4-in.
Chelmsford Foundry Co.,	Portland Street,	2-in.
Dover Stamping & Manufacturing Co.,	Pleasant Street,	6-in.
Ginn & Co.,	First Street,	Two 6-in.
Ginn & Co.,	Athenaeum Street,	8-in.
Goepper Bros.,	Ninth Street,	1 1-2-in.
Harvard University,	Harvard Union, Harvard St.,	4-in.
" "	Memorial Hall, Cambridge St.,	4-in.
" "	Observatory, Concord Avenue,	6-in.
" "	Semitic Mus'm, Divinity Ave.,	4-in.
Hews Co., A. H.,	Crescent Avenue,	Two 4-in.
Holy Ghost Hospital for Incurables,	Hovey Ave. & Cambridge St.,	3-in.
Houghton, Mifflin & Co.,	Albro & Blackstone Street,	6-in.
" " "	River Street,	6-in.
Irving & Casson,	Otis Street,	6-in.
" "	Thorndike Street,	Two 6-in.
" "	Thorndike Street,	2-in.

Ivers & Pond Piano Co.,	Albany Street,	4-in.
" " " "	Albany Street,	6-in.
Keeler & Co.,	Thorndike Street,	1-in.
Kendall & Sons, Edward,	Main Street,	2-in.
Lamb & Richie,	Albany Street,	6-in.
Lever Bros. Co.,	Broadway,	6-in.
" " "	Broadway,	8-in.
Little, Brown & Co.,	Putnam Avenue,	6-in.
Luke, E. H., Estate of,	Main Street,	2-in.
Mason & Hamlin Co.,	Broadway,	Two 6-in.
McLean, Isaac,	Mt. Auburn Street,	4-in.
" "	Massachusetts Avenue,	4-in.
Metropolitan Storage Warehouse Co.,	Massachusetts Avenue,	6-in.
Middlesex C'ty, House of Correction,	Second & Spring Streets,	6-in.
National Biscuit Co.,	Franklin Street,	4-in.
" " "	Franklin Street,	6-in.
" " "	Green Street,	8-in.
National Casket Co.,	First Street,	6-in.
National Linseed Oil Co.,	Fifth Street,	6-in.
North Packing & Provision Co.,	Windsor Street,	6-in.
O'Brien, Rev. John,	Seventh Street,	4-in.
Page Box Co., Geo. G.,	Hampshire Street,	Two 6-in.
Petterson, Oscar G.,	483 Main Street,	4-in.
Pierce, Trustees of Est. of, Thomas,	Broadway,	6-in.
Pierce, Trustees of Est. of, Thomas,	Broadway,	4-in.
Pi Eta Club,	Winthrop Street,	2-in.
Porter, Henry S.,	Kinnaird Street,	4-in.
Reardon & Sons, Corp'n, John,	Waverly Street,	4-in.
Reardon, William,	Portland Street,	2-in.
Revere Sugar Refinery,	Water Street,	6-in.
Reversible Collar Co.,	Putnam Avenue,	6-in.
Russell, Joseph G., Estate of,	Pacific Street,	6-in.
Russell, Lucy J.,	29 Elm Street,	1 1-2 in.
Sawyer & Son, Howard M.,	Thorndike Street,	4-in.
Sawyer & Son, Howard M.,	Second Street,	6-in.
Seaverns, Geo. W., Piano Action Co.,	Sidney Street,	8-in.
Seelye Manfg. Co.,	First Street,	4-in.
Simplex Electrical Co.,	Auburn Street,	3-in.
" " "	Auburn Street,	6-in.
" " "	Franklin Street,	8-in.
Slavens, Luther R.,	Broadway,	2-in.
Snow, M. Josephine,	Massachusetts Ave. & Lee St.,	Two 2-in.
Sparrow, Co., The,	Hampshire Street,	6-in.
Spear's Sons & Co., Alden,	Rogers Street,	4-in.
" " " "	Sixth Street,	4-in.
Standard Oil Co.,	Potter Street,	6-in.
Standard Turning Works,	Main Street,	2-in.
Thayer & Co., Henry,	Broadway,	6-in.
Tower & Son, Sylvester,	Broadway,	4-in.
University Associates,	Linden Street,	4-in.
University Associates,	Massachusetts Avenue,	6-in.
University Press,	Nutting Place,	6-in.
Ward, Corby Co.,	Albany Street,	6-in.
Warren Bros.,	Potter Street,	6-in.
Wetmore, C. D.,	Claverly Hall, Mt. Auburn St.,	4-in.
Whittemore Bros.,	Albany Street,	4-in.

SUPPLIES LAID DURING THE PAST TEN YEARS.

Year.	New Supplies.	Supplies Renewed.			Total Supplies Laid.	Supplies furnished with Sidewalk Service Boxes.
		Application and Leakage.	Attending Main Pipe Renewal, etc	Total Supplies Renewed.		
1897	374	107	451	558	932	41
1898	228	122	454	576	804	61
1899	308	132	208	340	648	299
1900	158	129	...	129	287	103
1901	201	136	155	291	492	129
1902	161	110	167	277	438	51
1903	123	174	163	337	460	42
1904	111	190	87	277	388	39
1905	130	176	117	293	423	177
1906	129	230	15	245	374	113

DRINKING FOUNTAINS.

An ice water drinking fountain has been set this year at the corner of Massachusetts avenue and Cedar street.

The number of fountains and troughs in use in the City is twenty-nine (29), of which five (5) are ice water drinking fountains.

The locations of these ice water drinking fountains and the amounts paid to keep them supplied with ice during the season from June 30th to October 13th, inclusive (with the exception of the fountain set this year which was in use August 4th) are as follows: —

Cambridge street between Second and Third streets	$180 95
Harvard Square	166 69
Massachusetts avenue at Blake street . . .	136 85
Massachusetts avenue at Cedar street . . .	115 40
Massachusetts avenue at Central Square . .	175 35

The average cost of supplying four of these fountains with ice for one hundred five (105) days was, per day, one dollar and fifty-seven cents ($1.57).

Compared with the expense of previous years, this is considerably enlarged, owing to the great advance in the price of ice, which from fifteen cents per hundred pounds, of previous years, has been increased to twenty cents, and to twenty-five cents per hundred in September, 1906.

As our appropriation was not sufficient to cover this expense I respectfully request the amount to be considered in the coming year's expenditures.

The fountains and troughs have been carefully watched and cleaned during the year in accordance with the acts of 1902 and request of the Cattle Bureau of State Board of Agriculture, and the necessary repairs have been made.

STREET WATERING STANDPIPES.

Four standpipes have been added to the list during the year, located as follows: —

Berkshire Street at York Street.
Concord Avenue near Smith Place.
Fourth Street at Winter Street.
Kinnaird Street at Jay Street.

There are sixty-nine (69) street watering standpipes in use at this date, November 30, 1906.

The Street Watering Department has met the expense attending the repairs of these standpipes, which, as in previous years, have been cared for by this Department.

GATES.

Twenty-five new gates have been set this year (see recapitulation table, page 47).

Nineteen (19) have been set on extensions of main pipes, six have been set on supplies. (See table on page 47.)

All the gates have been inspected and are in first class condition.

Their locations have been marked.

BOXES.

One hundred one (101) boxes have been placed during the year.

Twenty-five (25) iron and eleven (11) small wooden have been placed on extensions of main pipes.

Seven (7) special wooden and fourteen (14) Merrill boxes have been placed on meters.

Six (6) iron have been placed on new supply work.

Three (3) flush hydrant, three (3) wooden, two (2) Merrill and thirty (30) iron boxes have been placed in locations where worthless ones have been removed.

The boxes in all parts of the City have been inspected and raised or lowered where affected by frost, or as the Street Department has requested, when the grades in the streets have been changed.

HYDRANTS.

There are one thousand forty-six (1,046) hydrants in use owned by the city:

Boston	156
Chapman	582
Coffin	43
Flush	84
Holyoke	90
Perkins	91
	1,046

Twenty-three (23) hydrants have been set during the year, — fifteen (15) in new locations and eight (8) to take the places of old or broken, removed.

Flush hydrants have been removed from:

Beech Street at Orchard Street.

Orchard Street near Tenney Street.

Webster Avenue at Bristol Street.

Post hydrants have been removed from:

Bridge Street near the new dam construction (Boston).

Columbia Street corner Washington Street (Chapman).

620 Concord Avenue at water works barn (Coffin).

Flagg Street at Beaver Street (Chapman).

Portland Street corner Main Street (Chapman).

Eight (8) hydrants have been relocated, five (5) repaired, and in Albany Street they have been raised to conform to new sidewalk grade.

Posts have been set to protect the hydrants in Albany, Ninth and Sidney Streets.

See pages 37 and 38 for number and location of hydrants set during the year.

METERS.

Eighty-two (82) meters have been set this year in locations which were not covered by meter on November 30, 1905, as follows:—

	2 inch.	1 1-2 inch.	1 inch.	3-4 inch.	5-8 inch.	Total.
Crown		1		1		2
Hersey	2			4	9	15
Lambert					1	1
Nash				1		1
Trident				3	4	7
Union Rotary	2				1	3
Worthington	4	1	8	8	32	53
	8	2	8	17	47	82

Number of meters in use on domestic supplies, churches and manufactories at this date, November 30, 1906, is twenty-nine hundred thirty-five (2,935).

	6 inch.	4 inch.	3 inch.	2 inch.	1 1-2 inch.	1 inch.	3-4 inch.	5-8 inch.	Total.
Ball & Fitts						1			1
Crest		1							1
Crown		2		4	4	6	16	8	40
Empire						2			2
Gem	1								1
Hersey		1	4	21	14	117	287	739	1,183
Keystone								54	54
Lambert						5	29	94	128
Nash							13		13
Thomson					1		5	2	8
Torrent				1					1
Trident			5	13	20	106	236	366	746
Union Rotary	1	9	9	18	12	2	10	16	77
Worthington		2	4	20	18	48	81	507	680
	2	15	22	77	69	287	677	1,786	2,935

There are forty-seven (47) meters in public buildings for which the Department receives no income.

They are placed in the buildings in use by the City, *i. e.*, schools, engine houses, stations, etc., in order to determine the amount of water used for such purposes: —

	2 inch.	1 1-2 inch.	1 inch.	3-4 inch.	5-8 inch.	Total.
Ball & Fitts			1			1
Crown	1	1	2		1	5
Hersey			6	8		14
Trident			10	1	5	16
Thomson		1				1
Union Rotary	1					1
Worthington			6	2	1	9
	2	2	25	11	7	47

THIRTY-INCH PIPE LINE.

The 30-inch line in Watertown Square has been carried over the large outfall drain built by the town the past year.

This work necessitated shutting off the water from the Pond for several days and resulted in a loss in the Pond of nearly a foot.

The testing of the new line of conduit has also required the line to be partially shut off at times and as a consequence the water in the Pond is somewhat lower than it would be otherwise.

I would recommend that the Venturi meter now in Watertown, be relocated in River Street, Waltham, so as to be a check on the flow into the new line as there will be no further use for it where it now is.

STONY BROOK.

Three new cesspools have been built the past year making thirty-one in all; these with eighteen vaults are cared for by this Department.

The work of cleaning the cesspools has increased to the extent of requiring five hundred fifty-eight loads of material to be handled the past year; this in addition to the care of the gate house and dam and the patrolling of the water shed, also the work of extermination of the Gypsy and Brown-tail moth is more than can be attended to properly by one man and I would recommend that an assistant be appointed for the Keeper at Stony Brook.

TABLE SHOWING NUMBER OF GALLONS, BY THE MONTH, FLOWING OVER THE WATERWAY AT STONY BROOK BASIN.

	Gallons.	Number of days.
1905.		
December	72,600,000	14
1906.		
January	239,500,000	31
February	250,300,000	11
March	1,215,900,000	31
April	1,139,300,000	30
May	350,100,000	23
June	195,000,000	21
July	47,400,000	9
August	....	..
September	....	..
October	....	..
November	600,000	
Total amount wasted	3,510,700,000	..
Total number of days in which water wasted	....	170

HOBBS BROOK.

The standing grass about the basin, not needed by the Department, has been sold, as in years past.

The buildings are in good condition.

The bushes along the roadside and rip-rapping have been cut, and the fences kept in repair.

STONY BROOK.				HOBBS BROOK.							REMARKS.
				LINCOLN STREET. Basin No. 1.				WINTER STREET. Basin No. 2.			
	Lowest elevation during month.	Highest elevation during month	Monthly rainfall.		Lowest elevation during month.	Highest elevation during month.	Monthly rainfall.		Lowest elevation during month.	Highe t elevation during month.	
1905				1905				1905			
Dec. 15	80.35			Dec. 5		180.80		Dec. 2	178.58		
Dec. 23		81.25	3.96	Dec. 19	180.55		3.70	Dec. 31		179.40	
1906				1906				1906			
Jan. 12	81.02			Jan. 9	180.60			Jan. 1	179.45		
Jan. 17		81.38	2.56	Jan. 24		180.85	2.38	Jan. 31		180.78	
Feb 20	80.08			Feb. 1	180.80			Feb. 1	180.80		
Feb. 23		81.71	2.83	Feb. 28		181.50	2.88	Feb. 28		181.45	
Mar. 3	81.27			Mar. 18	181.40			Mar. 3	181.35		
Mar. 23		82.12	6.16	Mar. 31		181.70	5.10	Mar. 31		181.65	
Apr. 1	81.91			Apr. 11		181.70		Apr. 11		181.65	
Apr. 30		81.25	2.39	Apr. 30	181.30		2.45	Apr. 30	181.30		
May 27	80.40			May 27	181.10			May 27	181.10		
May 30		81.82	4.52	May 29		181.60	4.70	May 30		181.55	
June 1		81.60		June 1		181.45		June 1		181.45	
June 30	80.33		2.18	June 30	181.15		2.59	June 30	181.15		
July 5		81.27		July 4		181.35		July 4		181.35	July 18. Removed first flash-board.
July 20	79.85		4.87	July 31	180.88		4 97	July 31	180.88		
Aug. 4	79.90			Aug. 1		180.85		Aug. 1		180.85	Aug. 2. Removed second flash-board.
Aug. 24		80.60	2.33	Aug. 18	180.50		2.75	Aug. 31	179.60		Aug. 4. Removed third flash-board.
											Aug. 11 Removed fourth flash-board.
											Aug. 15. Removed fifth flash-board.
											Aug. 20. Removed sixth flash-board.
											Aug. 25. Removed seventh flash-board.
											Aug. 30. Removed eighth flash-board.
Sept. 17	80.04			Sept. 1		180.55		Sept. 1		179.55	Sept. 1. Removed ninth flash-board.
Sept. 21		80.73	1.59	Sept. 22	180.00		2.47	Sept. 30	177.75		Sept. 4. Removed tenth flash-board.
											Sept. 8. Removed eleventh flash-board.
											Sept. 10. Removed twelfth flash-board.
											Sept. 14. Opened gate.
Oct. 16		80.98		Oct. 9	180.00			Oct. 1		177.75	
Oct. 21	80.16		2.86	Oct. 31		180.30	2.70	Oct. 31	176.85		
Nov. 9		81.02		Nov. 1	180.35			Nov. 1	176.75		
Nov. 26	80.00		2.91	Nov. 22		180.65	2.47	Nov. 26		177.10	
			39.16				39.16				

RECAPITULATION.

NEW SUPPLIES.

	8 inch.	6 inch.	4 inch.	3 inch.	2 inch.	1½ inch.	1¼ inch.	1 inch.	¾ inch.	Total.
Length, in feet, of galvanized pipe..		6	4½		175½	8	197	1,373½	2,857	4,621½
Length, in feet, of lead lined pipe...								31	19	50
Length, in feet, of tin lined pipe....									19	19
Length, in feet, of cast iron pipe....	19	32	93½							144½
Number of new supplies.	1	1	4		7	1	6	32	77	129
Number of stop and waste valves...		1	2	1	5	1	6	29	75	120
Number of screw cocks					5	1	7	32	77	122
Number of sidewalk cocks							5	33	73	111
Number of service boxes										106
Number of gates	1	1	4							6
Number of gate boxes										6

SUPPLIES, ETC., RENEWED.

	6 inch.	2 inch.	1½ inch.	1¼ inch.	1 inch.	¾ inch.	Total.
Length, in feet, of galvanized pipe		109	81	216	988½	7,322	8,716½
Length, in feet, of tin lined pipe					42½		42½
Length, in feet, of cast iron pipe	30½						30½
Number of supplies renewed							245
Number of stop and water valves		4	3	3	10	113	133
Number of screw cocks		1	2	2	10	50	65
Number of sidewalk cocks				7	11	86	104
Number of service boxes							113
Number of gate boxes							30
Number of small wooden boxes							3
Number of hydrant boxes							3
Number of Merrill boxes							2

MAIN PIPE.

	30 inch.	12 inch.	8 inch.	6 inch.	4 inch.	1½ inch.	1 inch.	¾ inch.	Total.
Length, in feet, of pipe (extension)		920	102	4,749	1,368½	40¼	170	93	7,443
Length, in feet, of pipe (renewal)	1,357								1,357
Total length, in feet, of pipe									8,800
Number of gates			2	8	9				19
Number of hydrants									23
Number of iron gate boxes									25
Number of small wooden boxes									11
Number of hydrant boxes									7
Number of Merrill boxes on meters									14

COMPARATIVE TRENCHING FOR THE PAST TEN YEARS.

	Extensions.	Renewals.	Supplies.	Total Feet.	Miles.
1897	11,268	36,967	16,121	64,357	12.19
1898	11,045	25,397	12,186	48,628	9.21
1899	11,051	9,427	13,486	33,965	6.43
1900	9,174	412	6,848	16,434	3.11
1901	4,126	5,750	8,246	18,122	3.43
1902	4,392	5,941	6,835	17,169	3.25
1903	1,209	5,661	5,333	12,204	2.31
1904	1,411	3,763	5,736	10,911	2.06
1905	5,817	2,263	6,251	14,311	2.71
1906	7,443	1,357	4,835	13,635	2.58

SUMMARY OF STATISTICS

For the Year Ending November 30, 1906.

In form recommended by the New England Water Works Association.

CAMBRIDGE WATER WORKS.

CITY OF CAMBRIDGE, COUNTY OF MIDDLESEX, STATE OF MASSACHUSETTS.

GENERAL STATISTICS.

Population by census of 1900 — 91,886.

Date of construction — 1855.

By whom owned — City of Cambridge.

Source of supply — Hobbs Brook and Stony Brook in Lincoln, Waltham and Weston, and Fresh Pond in Cambridge.

Mode of supply — Gravity from Hobbs and Stony Brooks to Fresh Pond, pumping from Fresh Pond to Payson Park Reservoirs, thence by gravity to consumers.

PUMPING STATISTICS.

1. Builders of pumping machinery — One Leavitt built by Groshon High Duty Pumping Engine Company; two Worthington; one Blake.

2. Description of fuel used — *a.* Kind — bituminous.
   b. Brand of coal — Quemahoning and Orenda.
   c. Price of coal per gross ton — delivered from December 1, 1905, to November 30, 1906, — 160 tons at $3.70; 140 tons at $4.00; 1,000 tons at $4.30.

3. Coal consumed for the year — 4,316,255 lbs.

4. (Pounds of wood consumed) ÷ 3 = equivalent amount of coal, 500 lbs.

5. Total equivalent coal consumed for the year for pumping purposes, 4,316,755 lbs.

6. Total pumpage for the year without allowance for slip — 3,386,180,600 gallons.

7. Average static head against which pumps work — 158.03 feet.

8. Average dynamic head against which pumps work — 194.44 feet.

9. Number of gallons pumped per pound of equivalent coal — 784.

10. $$\text{Duty} = \frac{\text{3,386,180,600 gals. pumped} \times \text{8.34 (lbs.)} \times 100 \times \text{dynamic head, 194.44}}{\text{Total fuel consumed 4,316,755}} = 127{,}205{,}058$$

Cost of pumping, figured on pumping station expenses, viz: $19,867.37.

11. Per million gallons pumped — $5.86.

12. Per million gallons raised one foot (dynamic) — $0.03

FINANCIAL STATISTICS FOR 1906.

Ordinary receipts	$5,961 77	
From consumers	357,280 19	
Construction account	3,627 24	
		$366,869 20

EXPENDITURES.

Total Maintenance:

		Operating Expenses.
General expenses	$22,845 05	$22,845 05
Supply expenses	2,154 42	
Salaries	10,801 67	10,801 67
Salaries, pumping	7,496 64	7,496 64
Pumping, general expenses	12,370 73	12,370 73
Payson Park Reservoir	849 30	849 30
Fresh Pond Reservoir, general	9,110 92	9,110 92
Fresh Pond Reservoir, grading	1,928 02	
Hobbs Brook Reservoir	1,484 13	1,484 13
Stony Brook Reservoir	2,392 88	2,392 88
Ice	649 55	
City Treasurer	1,500 00	1,500 00
Amounts carried forward	$73,583 31	$68,851 32

Amounts brought forward	$73,583 31	$68,851 32
Interest on bonds	143,827 75	
Sinking fund	123,247 50	
Serial bond paid	12,500 00	
Refunds and abatements	4,710 37	
	$357,868 93	$68,851 32
Construction: —		
General	$19,599 81	
Broad Canal conduits	190 46	
Hobbs Brook conduit	297,275 72	
City Solicitor	1,000 00	
Meters	394 77	
		$318,460 76

Cost of works to date	$6,342,200 46
Bonded debt at date	3,383,600 00
Value of Sinking Fund at date	1,509,749 85
Average rate of interest	3 1-2 and 4 per cent.

STATISTICS OF CONSUMPTION OF WATER.

1. Estimated total population at date — 99,934.
2. Estimated population on lines of pipe — 99,934.
3. Estimated population supplied — 99,934.
4. Total pumping for year — 3,386,180,600 gallons.
5. Passed through meters — 1,252,836,750 gallons.
6. Percentage of consumption metered — 37 per cent.
7. Average daily consumption — 9,277,207 gallons.
8. Gallons per day to each inhabitant — 92.83.
9. Gallons per day to each consumer — 92.83.
10. Gallons per day to each tap — 615.
11. Cost of supplying water, per million gallons pumped, figured on total maintenance operating expenses — $20.33.
12. Total cost of supplying water, per million gallons pumped figured on total maintenance + interest on bonds — $64.25.

STATISTICS RELATING TO DISTRIBUTION SYSTEM.

MAINS.

Kind of pipe — cast iron.

Sizes — from 2-inch to 40-inch.

Extended — 7,443 feet during year.

Renewed — 1,357 feet during year.

Total now in use — 128.12 miles.

Number of leaks per mile — 18.

Length of pipes 2 and 3 inches diameter — 2 miles.

Number of hydrants added during year (public) 15.

Number of hydrants (public) now in use — 1,046.

Number of stop gates added during year — 19.

Number of stop gates smaller than 4-inch — none.

Range of pressure on mains — 55 lbs. to 60 lbs.

SERVICES.

Kind of pipe — galvanized wrought iron, cast iron, tin-lined and lead-lined pipe.

Sizes — three-fourth inch to eight inch.

Extended — 4,835 ft.

Estimated total now in use — 117.

Number of service taps added during year — 123 $\frac{3}{4}$-inch to 2-inch; four 4-inch; one 6-inch; one 8-inch.

Number now in use — 15,062.

Average length of service — 37 ft. (for the year).

Average cost of service for the year — sizes from $\frac{3}{4}$-inch to 2-inch — $17.51.

Number of meters added — 82.

Number now in use — 2,935.

Percentage of services metered — 19.

Respectfully submitted,

EDWIN C. BROOKS, *Superintendent.*

Pumping Station,
Cambridge, Mass., December 5, 1906.

To the Honorable Water Board of the City of Cambridge:—

Gentlemen,—I would report that the machinery at the Pumping Station has not changed materially from what I reported to the Board when I took charge.

The Leavitt engine has pumped all of the water used by the City the past year.

No. 1 receiver should be repaired, as the tubes leak so that I have discontinued their use and so lose the benefit of the reheating.

No. 1 boiler should have new grates the same as No. 2, which have given good satisfaction, especially with the coal we are using.

Respectfully submitted,

WM. H. BLAISDELL,
Chief Engineer.

REPORT OF SUPERINTENDENT OF STREETS

To the Honorable, the City Council: —

Gentlemen: — In accordance with the provisions of Section 4, Chapter 25, of the Revised Ordinances, the annual report for the year ending November 30, 1906, of the Superintendent ot Streets is herewith respectfully submitted.

The standard appropriations of the Department are first treated in alphabetical order and are followed by the special appropriations.

BRIDGES.

Appropriation		$4,325 00
Pay-roll, salaries of draw-tenders	$2,095 12	
Pay-roll, labor	448 97	
Repairs, exclusive of pay-roll charges: —		
First Street Bridge	643 90	
Third Street Bridge	32 28	
Sixth Street Bridge	100 57	
Walden Street Bridge	934 98	
Huron Avenue R. R. Bridge	30 80	
Wellington Street Bridge	32 70	
		4,319 32
Balance		$5 68

The annual inspection, made by the City Engineer of the bridges in charge of this Department, shows that they are all in fair condition, with the exception of the bridge at First Street over the Broad Canal, and the attention of the City Council is called to his recommendations concerning that bridge.

During the past year we have installed motors at the First Street Bridge, very greatly reducing the annoyance to public travel on that street and facilitating the passage of vessels up and down the canal. It is my intention to install a similar set of motors at the Third Street Bridge, and I shall include the cost of the same in the budget for the coming year. The report of the City Engineer is as follows: —

In accordance with recommendations made last year, it was determined to renew the metal sidewalk brackets of the Walden Street Bridge, which were found to be in a very dangerous condition.

A contract was made with the James Flynn Architectural Iron Works Company to replace the old brackets with new ones and encase them in Portland concrete. This work has now been completed and the sidewalks replaced. The cost to date has been $1,070.94.

The Third Street and the Sixth Street Bridges are in fair condition and will need only minor repairs. The bridge at First Street is in very poor condition, many of the piles have become broken, timbers have decayed or have been broken and the plank flooring has in many places worn through. The bridge should be immediately replanked and at an early day be thoroughly overhauled and strengthened.

The bridges at Massachusetts Avenue over Alewife Brook, Wellington Street over Wellington Brook, and the two bridges at Huron Avenue will need only small repairs.

CLEANING STREETS.

Appropriation		$34,000 00
Pay-roll	$27,140 20	
Teaming	3,981 89	
Hay	420 61	
Grain	221 24	
Straw	42 95	
Hardware, tools, etc.	441 86	
Refilling machine sweeper brooms	87 00	
Machine sweeper repairs	6 11	
New horses	1,620 00	
		33,961 86
Balance		$38 14

In the annual report last year, I set forth as clearly and vigorously as I knew how, the necessity for a considerable increase in the appropriation for street cleaning, yet it was not until the last month of the fiscal year that any additional money was found for this purpose, the appropriation at the beginning of the year being the same as that of the previous year ($31,000), an additional $3,000 being appropriated in November to complete the fall cleaning. As it is, we have done more than the customary amount of street cleaning during the past year. The paved streets were swept every night during the spring and summer season. The vitrified brick and bitulithic streets and some of the main thoroughfares and public squares were kept clean by men assigned for that purpose every day in the year, and the usual spring and fall cleaning were done.

There is nothing that adds more to the reputation and character of a city than clean streets and, if the appropriation next year can be made large enough to allow an increase of the section men and the organization of a permanent gang who can be kept at work in this division throughout the entire season, we shall be able to keep the streets in a manner creditable both to the Department and to the citizens of the City. I have already placed an order for additional cans and carriers for the number of newly constructed streets which will require daily attention.

COLLECTION OF ASHES.

Appropriation		$33,700 00
Pay-roll	$28,607 68	
Teaming	20 00	
Hay	1,110 18	
Grain	1,485 50	
Straw	160 93	
Hardware, tools, etc.	20 73	
Harnesses, repairs, etc.	225 90	
Renewals and repairs, wagons	257 79	
Horse shoeing stock	38 95	
Painters' supplies	86 30	
Sundries	22 50	
New horses	1,650 00	
		33,686 46
Balance		$13 54

The amount expended under this appropriation is $1,200 in excess of last year's cost, caused largely by the necessity of carting the ashes and rubbish longer distances. Early in the summer the Board of Health prohibited the dumping of light refuse on certain dumps used by this Department, and the dump along the Front at Commercial Avenue was discontinued. The necessity of a change in the method of disposing of the ashes and rubbish collected by the Ash Department has, in several recent reports, been called to the attention of the City Council, and the last two inaugural addresses contained recommendations in favor of some plan of incineration. The Committee on Highways have devoted a great deal of time to the investigation of this subject, and under an order of the City Council were authorized to visit other cities in order to learn what had been done in this direction elsewhere. The report of the Committee is as follows: —

CITY OF CAMBRIDGE.
In Board of Aldermen, June 26, 1906.

The Joint Standing Committee on Highways, to which was referred a communication from His Honor, the Mayor, calling "attention to the necessity of immediate action in relation to disposal of light refuse and waste paper from the City dumps," together with sundry other papers and recommendations carried over from the files of the previous two years in relation to the expediency of establishing one or more incinerators, *reports:*—— Under the order adopted by the City Council authorizing the Committee to visit incinerating plants in the Cities of New York and

Brooklyn, the Committee arrived in New York on Friday, the 15th inst., and spent very nearly all of that day in an investigation of the combined refuse incinerating and power plant in Delancey Street, beneath the Williamsburg Bridge.

The building which contains the furnaces and boilers is a one-story structure, 70 x 150 feet in area, with brick walls and a steel trussed roof. It is divided into two rooms by a fire wall, in the front of which is the receiving, baling and sorting floor; at the rear end are the boilers used for steam generation. From the sorting floor a short conveyer carries the refuse to the top of the furnaces, discharging between them, so that they may be fed by hand simultaneously. During the passage of the refuse over the conveyer the trimming contractor's men pick out a small proportion of the paper, which is baled by power presses and removed from the building. The remainder of the refuse furnishes fuel for the operation of the furnaces and the development of steam power.

There are two furnaces placed back to back, with a common smoke flue connection to the chimney. These furnaces are the same dimensions, but are unlike in interior construction. Furnace No. 1, designed by Mr. H. De B. Parsons, originally followed the same general construction as that of the Forty-seventh Street incinerator, except that there were two separate cells instead of three, and two charging holes placed on the side and delivering the refuse over a short incline to the fire grates which form the floor of each of the two cells. The grates consist of wrought iron bars rivetted up in sections. Each cell is a complete furnace in itself, having a charging hole, and stoking and ash pit doors.

The gases of combustion pass upward to a cross flue which is connected with the boiler and the stack, and is controlled by large fire-clay dampers. Each cell has a sliding door in the front end for the admission of large pieces of furniture, mattresses, etc.

The second furnace, designed by Mr. F. L. Stearns, of the Department of Street Cleaning, is practically the same size, but has a different arrangement of feed holes and grates. There is but one side feed hole, which is a straight passage from the charging floor to the fire grates, the other feed hole being on the top near the outlet, and large enough to receive barrels and other bulky matter. There are two sets of iron fire grates, placed horizontally, one above the other, so that partially burned matter from the upper set of grates may fall to the lower and there be wholly consumed, the ashes being raked out of the ash pits below.

There are two 200 H. P. Sterling water tube steam boilers, each with 1,950 square feet of heating surface. These are provided with the regular fire grates for using coal, and can be run independently of the incinerators. The boilers are fed from a pump in the adjoining building, the feed line passing through an economizer coil in the base of the stack, which heats the feed water to high temperature.

In the adjoining building are placed two 100 K. W. and one 50 K. W. direct connection engines, with generators of multipolar direct-current type, wound for 250 volts, operating a three-wire system. Their ratings permit an overload capacity of 25 per cent. The distribution which is controlled by an eight-panel switchboard provides for two circuits for local lighting and five for the bridge, which are arc lamps connected on the multiple system.

The chimney of these incinerators is of the radial brick type, and is 200 feet high; inside diameter 4 1-2 feet at the top. The foundation is concrete, 14 feet thick, on 30-foot piles over an area of 24 feet square.

The cost of the building, chimney, furnaces, conveyor and outside driveway was	$34,193 00
Boilers and electrical equipment	49,391 00
	$83,584 00

At this plant the Committee found that they were disposing of about 170 loads of light refuse a day. More than 50 per cent. of this light refuse is taken by the contractor, who has the privilege of picking it over and is baled and carted away. For this privilege the city of New York receives a large revenue. The absolutely valueless refuse is sufficient to furnish power enough to light about 150 arc lights and 500 incandescent lights of from 16 to 32 candle power.

On the following day the Committee by courtesy of the officials of the Brooklyn Rapid Transit Company were furnished a private car and shown the entire system of disposal in that city.

The first incinerator visited at Third avenue, consists of a Decarie incinerator with a belt conveying the refuse to the furnace and has a guaranteed capacity of 105 cubic yards daily. It is operated by two shifts consisting of an engineer and three laborers, each working twelve hours, which would mean under our eight hour law, three shifts of the same number of men if the plant were kept running all the time. The building is built of corrugated iron with 125 ft. stack. The plant produces a large amount of power which is conducted through a pipe into a power house owned by the company in the immediate vicinity and is used in their daily business. We were informed by the superintendent that the cost of this plant complete, including all the houses, was a little less than $25,000, and the cost of repairs for the entire year was only $11.50. The next and last plant visited was at East New York, a suburb of Brooklyn proper. The building of this station is 150 feet by 75 feet, wooden frame, corrugated iron covering, two stories high. One-half the area of the upper floor space is devoted to the ash collection teams which dump their loads into pockets or bins, beneath which the cars of the trolley line are loaded.

The other half of the upper floor contains a short belt conveyor for sorting the refuse brought by city teams, the picking bins and the office. The second half-floor below has another conveyor which receives the rubbish brought from the other stations, and which is burned without further sorting.

Conveyor No. 1, above, discharges into Conveyor No. 2 below, and the latter discharges directly into the furnaces.

The incinerator is a double furnace of the "bagasse burner" type, the fire boxes being divided by a bridge wall so that either may be run independently of the other. There are two grates placed horizontally; the upper consists of iron pipes connected into headers outside the furnace for water circulation, and spaced one foot apart. The lower grates are of the usual cast-iron fire bar pattern. There are two doors at the front of each furnace for stoking and removing ashes. Both furnaces connect with a common combustion chamber, and this with a Sterling water tube boiler of 300-horse power. The chimney is of radial brick type, 100 feet high. The steam power is utilized for operating an air compressor for drills and hammers in the neighboring repair shop of the B. R. T. R. R. Co., and for heating the buildings and running the conveyors.

In addition to this the company has just made a contract amounting to nearly $10,000 a year for the surplus power which is generated at this point.

The Committee was informed that the cost of this plant complete, including furnace, conveyors, etc., was a little over $30,000. One of the most striking things observed during the investigation of these several plants was the fact that there was absolutely no evidence in the vicinity that such an establishment was in operation. There was no litter about the premises, no odor, no smoke, nor nuisance of any kind, and any one of the plants could be located in a thickly settled portion of the city.

In all plants visited, provision was made by conveyor belts for allowing outside parties to select such portion of the refuse as was saleable and to take it away for that purpose. While the profit derived may seem an attractive feature, yet the Committee believe that the health of the citizens is of paramount importance and that the only proper and sanitary method of disposing of the entire amount of refuse collected by the city is by its total destruction. It cannot be denied that there is great danger in disseminating germs of disease and carrying them no one knows where under the system of sale of a portion of this matter, and the Committee are unanimously of the opinion that if any revenue is to be received by the operation of the incinerators it should be from the profitable sale or use of the steam power generated by the destruction of every particle of refuse collected.

This the Committee is assured can be accomplished in Cambridge at a reasonable initial expense providing for a plant large enough to destroy all the refuse at present collected and allowing for the average increase for the next ten years. The Committee is not at this time prepared to state the probable cost or to recommend a definite appropriation, but desires to make this report concerning the investigations already made, and will at a later date submit a further report concerning the probable cost and the amount desired to be appropriated for the purpose.

Every facility for a thorough investigation on this subject was afforded the Committee by the officials of New York and Brooklyn, and the Committee desires to acknowledge its indebtedness and extend its thanks to Mr. John McGaw Woodbury, the Commissioner of Street Cleaning of the City of New York, and to Mr. A. R. Piper, Manager of the Brooklyn Rapid Transit Co., of Brooklyn.

For the Committee,

MARSHALL F. BLANCHARD.

Since the above partial report was made, a representative of one of the leading incinerator manufactories in the country appeared before the

Committee and the matter was thoroughly discussed. No final disposition has yet been made of the matter, but I am assured that the Committee are unanimous in the opinion that something should be done at once, and hope that at least one incinerating plant may be installed, where this objectionable and disease-breeding refuse can be disposed of without menace to public health, as under the present method the streets in the vicinity of dumps used by this division of the Department are continually littered with all kinds of offensive matter or the surrounding dwellings are filled with disagreeable smoke.

It will be necessary the coming year to add at least two new ash carts to the equipment, as we are now frequently obliged to take a number of our small carts away from their regular work in order that the daily collections can be made.

CROSSINGS.

Appropriation		$4,600 00
Pay-roll	$2,644 09	
Teaming	843 13	
Hardware, tools, etc.	9 50	
Cement	151 30	
Granite flagging	188 65	
Gravel and freight	33 60	
Vitrified paving-blocks and freight	521 50	
Granite paving-blocks	146 00	
		4,537 77
Balance		$62 23

This amount has been expended for building new crossings of vitrified brick, granite flagging and granite blocks cemented. Sixty-five new crossings have been laid and a number of old crossings throughout the City have been repaired. These crossings have all been laid under direct order from the Mayor, as the charter provides that he shall designate where they shall be laid. There are several petitions for crossings and orders on hand which we are unable to complete this year and there are a great many street intersections where crossings are badly needed. An appropriation of an equal amount should be made annually for some time to come in order to provide for this work.

EDGESTONES AND SIDEWALKS.

Appropriation		$30,000 00
Pay-roll	$13,453 34	
Teaming	2,777 51	
Hardware, tools, etc.	428 41	
Bricks	4,406 96	
Edgestones	7,556 52	
Gravel and freight	749 87	
Lighting	182 20	
Sundries	30 16	
Rebates on artificial stone sidewalks	412 52	
		29,997 49
Balance		$2 51

This amount has been expended this year entirely in the construction of new sidewalks. The work was all done in the early part of the year so that the estimated revenue would be received by the City Treasurer during the present financial year. On a large number of streets throughout the City brick sidewalk, edgestones and gutter have been laid. A number of artificial stone sidewalks have also been laid throughout the City. As usual there remains in the files of the Department a number of uncompleted orders and petitions which have not been acted upon. There seems to be no reason why this appropriation should not be made large enough so that the property holders desiring sidewalks in front of their estates, willing to pay their proportion of the cost, would not be obliged to wait an unreasonable time before the work could be done.

MAINTENANCE — GENERAL.

Appropriation		$69,200 00

MAINTENANCE (MACADAMIZING, REPAIRS AND GENERAL EXPENSES).

Pay-roll	$43,789 43	
Teaming	667 50	
Hay	1,370 23	
Grain	2,899 18	
Straw	235 22	
Hardware, tools, etc.	449 14	
Harnesses, repairs, etc.	735 91	
Steam-rollers, repairs and supplies	1,109 34	
Stone-crushers, repairs and supplies	481 35	
Horse shoeing stock	364 08	
Field stone	6,031 78	
Crushed stone	4,080 39	
Gravel and freight	185 11	
Fuel	1,414 32	
Street signs	145 45	
Lighting	400 60	
Telephones, stationery & miscellaneous office supplies	777 46	
Renewals and repairs, stables	629 25	
Horses	2,050 00	
New equipment	105 00	
Carriage and wagon repairs	290 34	
Painters' supplies	220 22	
Stable supplies	475 66	
Sundries	290 01	
		69,196 97
Balance		$3 03

As is perhaps now very generally known, nearly all the running and operating expenses of the various divisions of the Street Department are charged to the appropriation for maintenance, so that usually more than half the amount is expended in that way leaving only the remainder for work performed on the streets.

This appropriation, therefore, is the only one at the disposal of the Department for the maintenance and care of all the streets in the City. When the fact is taken into consideration that the fixed charges of operation, etc., take such a large portion of the amount it will be seen that the balance left is wholly inadequate to properly care for nearly 100 miles of streets. Whatever resurfacing, patching or macadamizing is to be done must come out of this appropriation, as the construction of new streets is provided for and appropriations are specifically made for that purpose. We have annually requested an appropriation of $100,000 for this work, but there has been very little change in the amount actually appropriated during the past ten years, although the mileage of streets to be cared for has steadily increased.

The following table of streets laid out and accepted during the past financial year, all of which have been completely constructed throughout, shows that we have added over a mile of roadway to be watered, cleaned and cared for in the future.

STREETS LAID OUT AND ACCEPTED DECEMBER 1, 1905, TO DECEMBER 1, 1906.

Location of Street.						Plan.	
Name.	From	To	Length in Feet.	Width in Feet	Date of Acceptance.	Made by	Date.
Athens street	Southerly extension	Grant street	100.0	40	Dec. 28, 1905	City Engineer	June 11, 1903
Brookford street	Massachusetts avenue	Southerly	477.5	40	Dec. 16, 1905	G. Stanley Whitehead	Apr. 30, 1904
Brown street	Brattle street	Foster street	489.6	30	Dec. 16, 1905	City Engineer	Nov. 20, 1903
Bryant street	Francis avenue	Irving street	341.0	50	Aug. 1, 1906	E. F. Bowker	May 17, 1906
Fenno street	Sherman street	Easterly	368.0	40	Dec. 28, 1905	W. A. Mason & Son	June 6, 1904
Francis avenue	Kirkland street	Bryant street	866.7	45	Aug. 1, 1906	W. A. Mason & Son	November, 1903
Hancock street	Franklin street	Kinnaird street	166.3	30	Dec. 16, 1905	City Engineer	November, 1874
Lowland avenue	Charles street	Vine street	200.0	34	Dec. 22, 1905	City Engineer	October, 1895
Lowland avenue	Vine street	Spring street	200.0	40	Nov. 2, 1906	City Engineer	Mar. 9, 1906
Marie avenue	Highland avenue	Maple avenue	299.2	35	Aug. 1, 1906	E. F. Bowker	Oct. 14, 1905
Middlesex street	Wilson avenue	Railroad street	644.1	40	Dec. 16, 1905	W. A. Mason & Son	Aug. 14, 1895
Railroad street	Middlesex street	Yerxa road	299.0	40	Dec. 22, 1905	City Engineer	Sept. 16, 1905
Tuttle street	Donnell street	Huron avenue	596.2	30	Dec. 16, 1905	W. A. Mason & Son	February, 1904
Whittemore avenue	near Magoun street	near Harrison avenue	731.5	40	Aug. 1, 1906	W. A. Mason & Son	Nov. 5, 1904
Winslow street	Garden street	near Upland road	508.0	30	Dec. 28, 1905	City Engineer	Sept. 16, 1905

Total length of streets accepted from December 1, 1905, to December 1, 1906, 6,287.1 feet or 1.191 miles.
Total length of streets accepted December 1, 1906, 100.733 miles.

RESURFACING DISTRICT I.

STREET.	Labor.	Teaming.	Steam-Roller.	Crushed Stone.	Gravel.	Total.
Fifth, between Winter and Charles	$315 00	$517 50	$189 00	$1,275 00	....	$2,296 50
Franklin, between Soden and Western avenue	135 00	535 00	29 75	485 00	$20 00	1,204 75
Green, between Putnam avenue and Hancock	143 00	245 00	91 00	531 53	....	1,010 53
Hunting, between Somerville line and Cambridge	74 00	95 25	49 00	260 00	....	478 25
Norfolk, between Somerville line and Cambridge	98 00	114 50	80 50	285 00	....	578 00
Pacific, between Albany and Sidney	180 00	69 00	....	....	....	249 00
Pleasant, between Franklin and Western avenue	17 00	30 00	24 50	55 00	....	126 50
Potter, between Sixth and Binney	262 00	487 00	154 00	1,169 88	37 00	2,109 88
Second, between Cambridge and Charles	340 00	488 50	175 00	930 00	....	1,933 50
Sidney, between Pilgrim and Pacific	88 00	35 00	....	....	....	123 00
Sidney, between Putnam avenue and Henry	447 50	611 25	49 00	697 50	....	1,805 25
Soden, from Franklin southerly about 100 ft	15 50	34 50	15 75	65 00	....	130 75
Tremont, between Somerville line and Broadway	312 00	436 25	161 00	1,086 25	28 00	2,023 50
Windsor, between Massachusetts avenue and Somerville line	866 00	1,370 00	446 25	3,052 50	56 00	5,790 75
Winter, between Fourth and Fifth	65 00	95 00	52 50	247 50	....	460 00
Total						$20,320 16

RESURFACING DISTRICT II.

STREET.	Labor.	Teaming.	Steam-Roller.	Crushed Stone.	Gravel.	Total.
Brattle, between Channing and Mt. Auburn gate	$385 75	$675 00	$283 50	$1,310 00	$47 00	$2,701 25
Concord avenue, between Waterhouse and Arsenal square	34 50	48 50	35 00	125 00	....	243 00
Dana, between Massachusetts avenue and Harvard	54 13	117 50	77 00	245 00	75 00	578 63
Ellery, between Massachusetts avenue and Broadway	137 25	281 00	133 00	456 25	92 00	1,099 50
Elmwood avenue, between Brattle and Mt. Auburn	79 25	163 75	42 00	227 50	28 00	540 50
Farrar, between Scott and Holden	24 00	89 38	....	7 50	352 50	473 38
Franklin, between Bay and Green	18 00	65 00	....	250 00	....	333 00
Holden, between Kirkland and Scott	12 00	40 00	....	2 50	160 00	214 50
Hollis, between Massachusetts avenue and Rindge avenue	30 50	52 50	35 00	130 00	....	248 00
Hurlburt, between Martin and Linnaean	49 13	100 38	49 00	187 50	48 00	434 13
Irving, between Cambridge and Kirkland	57 50	94 38	49 00	261 25	....	462 13
Kirkland road, from Kirkland southerly	12 25	42 63	3 50	82 50	....	140 88
Kirkland, between Cambridge and Somerville line	591 25	997 13	472 50	1,815 50	65 00	3,941 38
Kirkland, between Peabody and Massachusetts avenue	8 00	37 50	21 00	50 00	14 00	130 50
Massachusetts avenue, between Quincy square and Inman	172 75	215 00	175 00	375 00	9 00	946 75
Parker, between Buckingham and Concord avenue	112 50	204 88	45 00	457 50	238 00	1,058 38
Richdale avenue, between Walden and foot of hill	22 00	68 25	17 50	118 50	15 00	241 25
Scott, between Irving and Beacon	20 00	65 00	....	....	257 50	342 50
Sumner, between Kirkland and Cambridge	18 00	40 00	....	240 00	....	298 00
Trowbridge, between Massachusetts avenue and Harvard	28 50	45 00	28 00	167 50	50 00	319 00
Walden, between railroad bridge and Raymond	114 00	366 63	136 50	787 50	56 50	1,461 13
Winslow, between Sherman and end	69 00	103 75	21 00	126 25	34 50	354 50
Total						$16,562 29

RECAPITULATION.

Resurfacing District I.,	$20,320 16
" " II.,	16,562 29
Patching District I.,	3,506 00
" " II.,	2,556 34
	$42,944 79

MAINTENANCE—SALARIES.

Appropriation		$6,200 00
Salary of Superintendent	$2,000 00	
Salary of Chief Clerk	1,400 00	
Salaries of other Office Clerks	1,330 00	
Yard Clerks	1,440 00	
		6,170 00
Balance		$30 00

In accordance with a recommendation contained in last year's report the salaries of the entire executive force of the Department are included in the above amounts.

SIDEWALK REPAIRS.

Appropriation		$5,000 00
Pay-roll	$3,937 63	
Teaming	478 75	
Bricks	499 10	
Lighting	6 00	
Freight on gravel	68 02	
Sundries	8 51	
		4,998 01
Balance		$1 99

This amount has been expended in resetting edgestones and relaying brick sidewalks. The amount asked for in the budget was $20,000. Complaints as to the condition of our sidewalks are becoming more numerous every year. Very many of the sidewalks have been laid for years and have had no repairs whatever. The action of the frost and their being frequently dug up for various purposes have left them uneven, rough and in many cases dangerous to public travel. In the early part of this year the City Solicitor called my attention to the importance of this work and it ought to be liberally provided for.

SNOW REMOVAL.

Appropriation for 1906 (from the Street Railway tax)		$6,000 00
Pay-roll	$5,744 16	
Teaming	9 00	
Straw	32 98	
Hardware, tools, etc.	163 10	
Salt	18 75	
Gravel	19 63	
		5,987 62
Balance		$12 38

This amount was expended for removing the snow from the sidewalks around public grounds and buildings of the City, and also for cleaning the inner walks of all the schoolhouses. As the winter was not nearly so severe as the two preceding winters the amount expended has been comparatively small, that of 1904 being $18,000 and for 1905 being $16,500. It should be understood that during the time that there is snow on the ground, the section men and others engaged in keeping the crossings and gutters clear are charged to this appropriation.

STREET WATERING.

Appropriation		$28,600 00
Pay-roll	$2,708 30	
Sprinkling contracts	23,536 98	
Hardware, tools, etc.	1 81	
Harnesses, repairs, etc.	1 50	
Watering cart repairs	1,526 42	
Standpipe repairs	281 50	
New horses	440 00	
Sundries	61 63	
		28,558 14
Balance		$41 86

The increase in the mileage of streets to be watered during the last two or three years will necessitate a rearrangement of the street watering routes next season, and will require the purchase of at least two additional carts. Some complaint has been made that the season is not long enough, but the appropriation does not allow us to do much work after the end of October. The work of the Street Watering contractors has on the whole been satisfactorily performed and complaints during the regular season are comparatively few.

The dust raised by automobiles driven at a high rate of speed on some of our principal thoroughfares has been the most persistent cause of trouble for this Department and to all communities in this vicinity. Many experiments have been made to prevent this, among which is a preparation made from coal tar, which, when spread upon the street and covered with a layer of fine stone thoroughly rolled gives a hardened surface which it is claimed will resist the action of automobiles. We have during the past season thoroughly macadamized Kirkland Street from the Somerville line to Cambridge Street. It is a wide thoroughfare leading from this City to Somerville through which a great many automobiles pass, and I very much desire to try the experiment upon this street. The cost will be comparatively small, and if the preparation will do all that is claimed for it the result will be very large.

REBUILDING STREETS.

Appropriation (from Street Railway tax)		$43,014 64
Pay-roll	$15,907 49	
Teaming	3,501 88	
Amounts carried forward	$19,409 37	$43,014 64

Amounts brought forward	$19,409 37	$43,014 64
Hay, grain and straw	581 42	
Vitrified paving blocks	4,870 39	
Lighting	76 50	
Cement	2,327 47	
Concrete stone and field stone	389 59	
Granite blocks	658 87	
Gravel and freight	356 27	
Hardware, tools, etc.	265 23	
Bitulithic pavement	5,262 40	
Pitch and sundries	737 66	
Crushed stone	3,420 90	
Edgestones	936 38	
		39,292 45
Balance		$3,722 19

Under this appropriation some of the most important permanent improvements on our streets have been made. The most notable one is the laying of bitulithic pavement on Cambridge Street on the north side, from Trowbridge Street to Quincy Street, and on both sides from Quincy Street to Peabody Street; also on Broadway from Quincy Street to its junction with Cambridge Street including the large square in front of the Fogg Museum. The two cuts accompanying this report will give some idea of how great the improvement has been in that locality. The work of excavating, preparing the base, spreading the foundation stone, rolling etc., has all been done by employees of the Department, and the top surface was laid under a contract with a bond guaranteeing its maintenance for five years. The street as completed presents a beautiful appearance, traffic over it is easy and pleasant, the character of the surface is such that it resists the destroying action of automobiles and it can be kept perfectly clean throughout the entire year. We were enabled to make this improvement this year by the action of his honor, the Mayor, in obtaining from Harvard College the payment of ten thousand dollars towards the contract for the surface of these streets.

In connection with this work a number of macadam streets in the vicinity were resurfaced with the old stone taken from the road bed in preparing it for the bitulithic. These streets are all included in the tables of resurfacing and patching on pages 63 and 64.

Bitulithic pavement was also laid on Holyoke Street, from Massachusetts Avenue to Mount Auburn Street.

Vitrified brick pavement was laid on Putnam Avenue from Magazine Street to River Street, and at the corner of Brookline Street and Putnam Avenue which was left uncompleted last year. This work completes the brick paving of all the streets through which there are car tracks in wards 6 and 7, except a portion of Brookline Street which is laid with bitulithic pavement and is hereafter treated in this report. Under this appropriation also, Main Street was repaved from a point near Portland Street to the Boston and Albany railroad crossing made necessary by the construction of Albany Street. A small experimental piece of Hassam pavement was laid on Douglas Street, from Massachusetts Avenue to Austin Street. This is a patent pavement invented by Mr. Walter Hassam who for a number of years was superintendent of streets of the city of Worcester. It is a pavement composed of cracked stone and Portland cement, and has recently been laid in quite large quantities in the cities of Somerville, Lynn, Worcester, and the town of Brookline. This pavement can be laid at a moderate cost, and if it will withstand the action of frost it possesses very many advantages. The work can all be done by city employees under an inspector furnished by the contractors, and upon a royalty basis can be guaranteed for a term of years.

STREET CONSTRUCTION — SUNDRY STREETS.

Appropriation		$74,731 11
Pay-roll	$17,740 53	
Teaming	2,706 25	
Hay, grain and straw	1,575 41	
Hardware, tools, etc.	339 57	
Edgestone	8,402 85	
Filling, gravel and freight	2,636 56	
Crushed stone	7,322 41	
Field stone	243 77	
Granite paving blocks	23,997 58	
Bricks	72 40	
Flagging	297 92	
Steam roller and supplies	3,503 75	
Lighting	331 20	
Gutter stone	2,708 53	
Bitulithic surface	2,104 12	
Sundries	285 95	
		74,268 80
Balance		$462 31

This appropriation might properly be divided into two parts. Thirty-one thousand dollars was appropriated for the construction of streets accepted in December of 1905, and the remainder for granite block pavement on certain other streets. The new streets constructed were as follows:—

Brookford Street, from Massachusetts Avenue southwesterly about 477 feet.

Brown Street, from Brattle Street to Foster Street.

Tuttle Street, from Huron Avenue to Donnell Street.

Middlesex Street, from Rindge Avenue to Railroad Street.

Railroad Street, from Middlesex Street to Yerxa Road.

Fenno Street, from Sherman Street northerly about 370 feet.

Winslow Street, from Sherman Street northerly about 395 feet.

Lowland Avenue, from Charles Street to Vine Street.

Athens Street extended to Grant Street.

On all these streets edgestones and gutters were laid, catch basins constructed, and they were thoroughly macadamized. Dwellings have been built on all of these streets for a long time, and the abutters now reap the benefit of the acceptance and proper construction and care which is given to all accepted streets.

The most expensive and probably the greatest improvement made this year was the paving of Albany Street, from Main Street to Pacific Street, and Portland Street from Main Street to Albany Street. It was found when we began this work that the old road bed was in some places nearly a foot and a half below grade and it was necessary to reset all the old edgestone on the street as well as to set the new to the proper grade The pavement was laid with the greatest care, the best large sized granite blocks were used and everything was done to insure a well paved street. The work was done without interruption to the business of all the large manufacturing industries on the street and the abutters have expressed great satisfaction in the improvement. It was necessary before beginning work to build Pacific Street from Sidney Street to Albany Street in order to furnish an outlet for the great amount of teaming which goes through that locality. When we reached Main Street we found it necessary to repave that street from Portland Street to the railroad crossing and to raise the tracks there nearly one foot from the old grade. That part of the work as before stated was done out of the appropriation for rebuilding streets, as was also the building of Pacific Street.

We were obliged to fence off the sidewalk on the westerly side of Albany Street, between Massachusetts Avenue and Pacific Street at the site of the old Charles River Bicycle Park, and it is my intention to leave it in that condition until some provision can be made for obtaining the filling from the proposed subway, unless the owners of the abutting estate are willing to do something towards banking up the back part of the sidewalk.

Second Street at the rear of Ginn & Co.'s large publishing establishment, from Munroe Street to Athenaeum Street, and Munroe Street at the corner of Second Street were paved with first-class granite blocks in the manner above indicated.

The sidewalk on the north side of Athenaeum Street, abutting on the estate of Ginn & Co., was built by this Department at the request of the company and at its entire expense.

Charles Street from Second Street to Third Street and a part of the way from First to Second Street have also been paved in the same manner. We were unable to complete the section between First and Second Street owing to the early frost.

There remain unexpended balances in the several construction appropriations more than sufficient to complete this work in the spring.

The large amount of macadamizing to be done under the various construction accounts this year necessitated the purchase of an additional steam roller. Accordingly a Buffalo-Pitts machine of fifteen tons weight was bought and charged to this account. The roller is the most recent make and is the best machine of its type built today.

STREET CONSTRUCTION — AMHERST AND WADSWORTH STREETS.

Appropriation		$7,000 00
Pay-roll	$1,472 25	
Teaming	1,393 13	
Fuel	21 01	
Crushed stone	3,638 47	
Lighting	24 15	
		6,549 01
Balance		$450 99

This work was done to provide an outlet for the teaming east of Albany Street, as all teams going from that part of the City to Harvard Bridge were obliged to cross the railroad track twice and travel a long distance out of their way to reach Massachusetts Avenue, and was undertaken in response to a petition representing a very large tax paying property in that locality. No attempt has been made to thoroughly macadamize the streets or to build the sidewalks. It was simply desired to put them in a usable condition sufficient for a few years when the development of the locality would determine the character of the permanent pavement to be laid there. Cracked stone to the depth of about eight inches has been spread there and thoroughly rolled, giving the roadway sufficient crown to drain it, as at present there is no sewer through the street.

STREET CONSTRUCTION — BROOKLINE STREET.

Appropriation (from Street Railway tax)		$5,500 00
Pay-roll	$712 50	
Teaming	611 25	
Edgestone	202 45	
Flagging	62 79	
Lighting	9 00	
Cement	240 30	
Amounts carried forward	$1,838 29	$5,500 00

Amounts brought forward	$1,838 29	$5,500 00
Granite blocks	388 02	
Gravel and freight	39 02	
Hardware, tools, etc.	19 50	
Gutter stone	116 71	
Bitulithic pavement	2,215 08	
		4,616 62
Balance		$883 38

In 1902 the Boston Elevated Railway Company were granted a double track location in Brookline street, from Putnam Avenue to the new bridge. As the street between Putnam Avenue and Granite Street was too narrow to admit of any other construction, we were obliged to lay a concrete base on that part of the street paved by the City and on that was laid a bitulithic pavement. Brookline street, its entire length, is now in first-class condition and makes a creditable approach to the bridge recently built there. The unexpended balance on this appropriation is principally 25 per cent. reserve required by law on the contract for the bitulithic surface, which will be paid in January of next year.

STREET CONSTRUCTION — FRANCIS AVE., MARIE AVE., WHITTEMORE AVE. AND BRYANT ST.

Appropriation		$15,000 00
Pay roll	$3,596 60	
Teaming	867 50	
Grain	93 84	
Hardware, tools, etc.	57 50	
Edgestone	2,470 52	
Freight on gravel, filling, etc.	219 62	
Crushed stone	1,380 75	
Field stone	146 25	
Bricks	57 92	
Fuel	8 01	
Gutter stone	1,249 82	
Sundries	34 00	
		10,182 33
Balance		$4,817 67

This appropriation was made for the construction of Francis Avenue, from Kirkland Street to Bryant Street, Bryant Street from Francis Avenue to Irving Street, Marie Avenue from Highland Avenue to Maple Avenue and Whittemore Avenue from Madison Avenue past Magoun Street. Edgestones were set, gutters laid, catch basins constructed, and the streets were macadamized. Some work still remains to be done to the sidewalks and roadway which can be completed in a very short time early in the spring.

STREET CONSTRUCTION—LOWLAND AVENUE.

Appropriation		$1,271 50
Pay-roll	$609 53	
Teaming	70 63	
Edgestone	204 62	
Gravel, etc.	21 70	
Field stone	28 96	
Flagging	24 92	
		960 36
Balance		$311 14

Lowland Avenue was accepted from Vine Street to Spring Street on November 2, 1906. Edgestones were set, gutters laid and catch-basins constructed there and the street was thoroughly macadamized. As the work was done very late in the season there remains some finishing of the sidewalks and touching up of the roadway which will be necessary in the spring.

SUBWAY UNDER FITCHBURG RAILROAD TRACKS, NORTH CAMBRIDGE.

Appropriation		$6,445 47
Pay-roll	$391 67	
Contract, James H. Fannon	4,697 58	
Drain pipe	18 97	
Wiring and Lighting	48 00	
Boston & Maine R. R.	1,289 25	
		6,445 47

This amount was expended for the completion of the subway under the Fitchburg railroad tracks from Raymond Street at the City yard through to Yerxa Road. The work was done in a satisfactory manner and the completed subway with its white tile lining, well illuminated by electric lights makes a pleasing and safe crossing for this most dangerous spot. I regret to say that there are those in the neighborhood who apparently do not appreciate the work done there by the City, and have shown it by acts of vandalism which we are attempting to prevent. The detail of the cost of the subway is as follows: —

Contract, J. H. Fannon	$5,447 58
Boston & Maine R. R. Co.	1,289 25
Incidentals, building drain, etc.	542 64
Wiring and lighting	48 00
Total	$7,327 47

PERMITS ISSUED.

The issuing of permits for board walks, sale of goods on sidewalks, opening and obstructing streets and sidewalks, building and repairing of granolithic sidewalks and other purposes has grown to be an important feature in the work of the office.

OPENING PERMITS.

To Whom Issued.	Number Issued.
Boston Elevated R. R.	51
Boston & Maine R. R.	2
Cambridge Gas Light Co.	384
Cambridge Electric Light Co.	124
Electrical Department	1
Metropolitan Water and Sewerage Board	5
New England Telephone & Telegraph Co.	55
Sewer Department	24
Water Department	13
Drain layers	178
Miscellaneous	123
Total issued	960

OBSTRUCTION PERMITS.

Sanitary Dust Removing Co.	55
Vacuum Cleaner Co.	27
Tar kettle contractors	49
Miscellaneous	302
Total issued	433

ARTIFICIAL STONE SIDEWALKS.

Simpson Brothers Corp.	11
Warren Brothers Co.	3
Thomas J. Hind	2
Thomas Allen	1
Total issued	17

SELLING GOODS ON SIDEWALKS.

Number of permits issued	66

BOARD WALKS.

Number of permits issued	123

PRIVATE STEAM ROLLER PASSING THROUGH PUBLIC STREETS.

Number of permits issued	36

RECOMMENDATIONS.

1. The attention of the City Council is especially called to the necessity of providing for the permanent construction of Massachusetts Avenue, between Waterhouse Street and the Arlington line. This avenue is without doubt the most important in the City and is subject to the greatest amount of wear by automobile traffic particularly of any thoroughfare in this vicinity. In 1897 the Telford macadam was laid from Alewife Brook to Porter Square and in the following year it was completed to Waterhouse Street. Very little has been done on the avenue since that

time with the exception of a stretch on the east side of the avenue between Chester Street and the Arlington line which was resurfaced two years ago. At the present time it is impossible to maintain this avenue in a satisfactory condition. Automobiles travel over the avenue at a very high rate of speed and their destroying influence has never been more clearly shown than on this particular piece of roadway. It would seem therefore that some form of construction must be laid there which will resist that traffic. The number and size of automobiles is increasing every year. There are nearly 20,000 registered machines in the State of Massachusetts alone, and to the ordinary observer it would seem that they have all at some time passed through this section of our City. There is in the files of the Committee on Highways a proposition to radically change the construction of this street, to provide for roadways on each side of the street railway track, and to require some form of construction from the street railway company which will deaden the sound of the heavy cars which are run through the avenue to Arlington and beyond. It is probably impossible that the entire avenue can be constructed in any one year as the expense of a permanent pavement for so long and wide a street will be very great, although it will not be necessary to take out the Telford foundation which was laid there ten years ago. If the plan now before the Committee is adopted a large portion of the expense would undoubtedly be borne by the street railway company and I trust that the City Council will give this matter serious consideration.

2. The laying of bitulithic pavement on Garden Street from the point where it now ends in Arsenal Square to Massachusetts Avenue. This portion of Garden Street is, and has been for a number of years, in very bad condition. The presence of the Washington Elm, the Soldiers' Monument, and other places of historic interest in this section of Garden Street draws a large number of people there during the year, and the construction of the Memorial Gate at the entrance to the Common by the Daughters of the Revolution is an additional attraction there. The two main thoroughfares from Belmont converge at Arsenal Square and all the traffic goes through this part of Garden Street. For all of these reasons a smooth pavement of a permanent and pleasing character should be laid on this street. I would recommend that the sidewalk on the north side of the street, alongside of the Common, be discontinued, as there is a walk in the Common which is sufficient for all travel there. A curb could be set along the line of the fence and the present sidewalk thrown into the roadway, very much improving the appearance of the street. It should be stated here that a petition for the construction of this street in the manner indicated was sent to the City Government in the month of November by citizens on the street and in its immediate vicinity.

3. The paving of Hampshire Street with first-class granite blocks from Prospect Street to its junction with Broadway. This is another of our main arteries taking the travel through the westerly end of Cambridge Street and Beacon Street, in Somerville, and the traffic through this manufacturing district is exceedingly heavy. In 1904 we paved this street from Inman Square to Prospect Street and the construction of the remainder of the street in the same manner should be completed at once. The section of the street now recommended has been left somewhat uncared for during the past two years in the expectation that this permanent form of construction will be laid there during the coming season.

4. The rebuilding of Broadway, from Windsor Street to Memorial Hall, and Mount Auburn Street, from Brattle Square to Mount Auburn Gate. Nothing of any importance has been done on this section of Broadway since 1899, and the part of Mount Auburn Street last mentioned was macadamized when the tracks were laid there in 1894.

5. The paving with first-class granite blocks of Osborn Street, from Massachusetts Avenue to Albany Street; of Sidney Street from Franklin Street to Erie Street; of Otis Street from First Street to Second Street, and Charles Street from Third Street to Sixth Street. Practically all of these streets are in manufacturing districts and are subject to such heavy traffic that no other form of construction is sufficient to keep them in proper condition.

6. That Cambridge Street, from Prospect Street to the Boston & Albany Railroad crossing and that Bridge Street from Lechmere Square to Prison Point Street be repaved. Several orders have been introduced in the City Government during the past year asking that this work be done. A sewer was recently constructed in this portion of Cambridge Street and the paving is in very bad condition.

7. The laying of vitrified brick pavement on Brattle Street from Harvard Square to and including Brattle Square. This street is now paved with small granite blocks, badly worn, which can be taken up and used to great advantage in the building of gutters required for the appropriation for edgestones and sidewalks. During the past year we saved nearly $5,000 worth of blocks of this kind from the lower end of Main Street at the approach to the new Cambridge Bridge.

A great deal of this work can be provided for out of the street railway tax, the amount to be received by the City from that source this year being $76,338.30.

8. A substantial increase in the appropriation for macadamizing and resurfacing the old streets throughout the City and the provision of an adequate amount for the repairs of brick sidewalks.

9. There are in the files of the Committee on Highways petitions

for the laying out and acceptance of about twenty new streets, the plans for most of them having been approved by the Board of Survey. On very many of these streets all the lots have been built upon for a long time and the abutters have continued to pay taxes to the City without receiving the benefits of cleaning, watering and care of the streets. Most of them are ready and willing to give whatever land is necessary to make the streets of proper width, and following the policy laid out during the past few years, a loan should be authorized providing for the construction of those reported for acceptance during the coming year.

10. The appropriation of $50,000 made for the construction of a bridge across Lechmere Canal, at Commercial Avenue, provides for the paving of only that portion of the avenue between Bridge Street and the canal. If the bridge is completed during the coming season as is expected, it will be necessary to make some provision for building Commercial Avenue from the canal out to First Street.

EQUIPMENT.

Under this head last year we recommended that the old worn out horses be disposed of and new ones purchased in their place, and in accordance with this recommendation his honor, the Mayor, directed the City Veterinary to go to Chicago and purchase a carload of draught horses. Twenty-five horses were sent here, the average price being a little less than $250.00 apiece. Of the number, two were taken by the Fire Department, one by the Police Department, one by the Water Department, and one by the Sealer of Weights and Measures. We were exceedingly unfortunate with the shipment, as five of the new horses died of an epidemic which swept through the stable, although everything that was possible was done to save them. The net result has been that after selling by auction five of the old ones and having lost nine (four old horses having died during the year) by death, we have a net increase in the number of horses at the present time of six. There still remain in the Department several horses which have outlived their usefulness and must be replaced by new ones during the coming year.

PURCHASE OF A STONE LEDGE.

For a number of years recommendations have annually been made looking toward the purchase of a stone ledge for this Department, and the necessity for such a plant has been forcibly brought to our attention during the past year. We have used 8,647 tons of field stone and have purchased 670 cars of cracked stone. Our work has been in some cases seriously delayed by the inability of contractors dealing with many other customers to furnish us with stone in such quantities as we could economically use it, and if a properly equipped plant could be installed at a ledge owned by the City on the line of one of the railroads it would be a very great help to the Department. The price per ton of cracked stone delivered has increased this year, and there is every reason to believe that a still higher price will be demanded in the future. I trust that the Committee on Highways will be authorized to make an investigation into this subject early in the year so that some provision can be made for an adequate supply at all times of proper road building material.

ANALYSIS OF WORK DONE.

An analysis of the figures given in the foregoing pages shows that a large amount has been expended on our streets this year and in spite of adverse criticism too often heard upon the condition of our streets we are steadily going forward and the careful observer can note the improvement throughout the City. It will be noted that all the appropriations for con struction were made by the City Council for specifically named streets and the amounts have been expended for that purpose only. The large amount of resurfacing and patching done this year is shown by the following comparative statement of the work done during the past five years: —

	1902.	1903.	1904.	1905.	1906.
Resurfacing . .	$24,349 76	$10,935 86	$28,602 32	$26,755 78	$36,882 45
Patching . . .	7,915 04	5,180 51	4 449 21	3,912 38	6,062 34
Total .	$32,264 80	$16,116 37	$33,051 53	$30,668 16	$42,944 79

The amount of construction is equally large. We have laid out and macadamized 15 streets, 6,287.1 feet, or 1.191 miles in length and amounting to 24,266 square yards of macadam, with edgestones, gutters and catch basins, and under what is termed permanent construction we have laid 15,000 square yards of bitulithic pavement, 15,050 square yards of large granite blocks, 4,560 square yards of vitrified blocks and 650 square yards of Hassam pavement.

APPROACHES TO CAMBRIDGE AND BROOKLINE BRIDGES.

In addition to all the work above enumerated, the Street Department has done all the construction work on the approaches to the new Cambridge Bridge and the new Brookline Street Bridge. At the new Cambridge Bridge the roadway has been widened and paved with granite blocks under the direction of the City Engineer as far as the filling has been placed. The old temporary bridge has been discontinued and all the traffic now goes through Main Street and across the new bridge.

At Brookline Street Bridge Approach edgestones have been set on both sides, brick sidewalks laid on the east side and the roadway has been thoroughly macadamized, the bridge being opened to travel on Thanksgiving day, November 29th.

INVENTORY OF REAL AND PERSONAL PROPERTY.

REAL ESTATE.

Location.	Buildings.	Erection of Buildings.	Purchase of Land.	Feet or Acres of Land	Valuation of Land.	Valuation of Buildings.
Raymond St.....	City Yard and Stable, stable, sheds, scales, etc.	1897	1896	272,670	$27,000	$27,000
Hampshire St...	City Stable, sheds and scales, including old police station..........	1885	....	72,661	30,000	16,000
E. S. Norfolk St.	Yard and pound..........	....	....	39,600	12,000	....
River St.........	Yard and wharf	....	....	41,546	17,000	....
Acton, Mass.....	Land, gravel bank........	....	1896	....	7,000	....
					$93,000	$43,000

Total valuation of real estate	$136,000 00

PERSONAL PROPERTY.

71 horses	$8,850 00	
51 watering carts	12,500 00	
48 single and double carts	4,200 00	
100 sets harnesses	2,500 00	
Miscellaneous buggies, sleighs, pungs, plows, wagons, etc.	2,500 00	
3 bicycles	90 00	
5 steam rollers	10,500 00	
1 two-horse section-roller	125 00	
Miscellaneous tools, road machines, pick-up sweepers, scrapers, brooms, waste barrels, push carts, etc.	8,200 00	
Stone-crushing plant, Raymond Street	5,500 00	
Stone-crushing plant, Hampshire Street	6,000 00	
8 Shadbolt ash carts	2,500 00	
2 Watson carts	350 00	
Miscellaneous lumber, iron, oils, etc.	1,500 00	
125.3 feet straight edgestone	68 92	
147.1 feet circle edgestone	102 97	
31,000 granite paving blocks, seconds	775 00	
7,000 sidewalk bricks	86 80	
400 tons field stone	300 00	
11 tons coal	51 75	
23,732 vitrified bricks	690 09	
138 bags Portland Cement	61 41	
103.7 ft. granite flagging	72 59	
100 No. 1 granite blocks	7 30	
		67,531 83
		$203,531 83

The cordial relations which have existed during the past year between his honor, the Mayor, and the Department have been a continual source of pleasure, his quick grasp of detail and unflagging zeal in his oversight of the work, his constant support and expressions of approval have placed me under an obligation to him which is gratefully acknowledged.

The Committee on Highways have worked in entire harmony with the Superintendent and have kept closely in touch with the operations of the Department. During most of the year weekly meetings of the Committee were held. Their assistance and counsel have been exceedingly valuable and are thankfully appreciated.

My acknowledgments are extended to the members of the City Council and to the officials of the City for their courtesy and consideration.

The value of the work performed by the employees in general is recognized and most heartily commended.

Respectfully submitted,

GEORGE M. CLUKAS,
Superintendent of Streets.

REPORT OF THE COMMISSIONER OF BOSTON AND CAMBRIDGE BRIDGES

To the Honorable, the City Council: —

Gentleman: — In accordance with the provisions of Section 3, Chapter 5, of the Revised Ordinances, the undersigned respectfully submits his report as Bridge Commissioner for the year ending November 30, 1906.

Chapter 391 of the Acts of 1904 provided for the construction of Brookline Street Bridge, the expense of the same to be apportioned as follows: The Boston Elevated Railway Company, $7,500; the Boston & Albany Railroad Company, $50,000; the Commonwealth of Massachusetts, $20,000, and the balance of the cost of construction to be borne by the City of Boston. The construction of the bridge was entirely in the hands of the authorities of the City of Boston. The bridge is 708 feet long, 60 feet wide, 26 feet above mean high water over the channel. It is a wooden trestle bridge with five steel spans, one over the existing track of the Boston & Albany Railroad, one over a space for a proposed track and three water ways. One is designed for commercial traffic on the river and the other two for pleasure crafts. The channel for commercial traffic is forty feet wide, and the other openings are thirty-one feet wide. The reservation for the tracks for the Boston Elevated Railway Company has been made, the space between the fences being twenty-three and one-half feet wide. The sidewalks are of hard pine, and the roadway is sheathed with two-inch spruce plank. The bridge was completed and the approaches thereto in the last of November, and was turned over to this Commission for maintenance on December 1.

There still remains some work under the bridge which is to be completed during the coming summer.

Chapter 412 of the Acts of 1904 provides for the building of a new bridge at Boylston Street at an expense of $120,000. Plans have been made and submitted to the Cambridge Bridge Commission but nothing has yet been definitely decided upon with reference to the actual construction of the bridge. It is understood that the authorities of Harvard College are willing to co-operate in the building of the bridge at that point, and it is expected that the matter may be taken up during the coming year.

The two electric motors installed at the River Street Bridge have been of great service during the year and a contract is now being made to install similar motors on the Western Avenue Bridge which are to be taken from the old West Boston temporary Bridge and used for this purpose. The electric power for operating the draws is to be furnished by the Boston Elevated Railway Company without expense to the City.

The Engineering Department of the Boston Elevated Railway Company is making a study of Harvard Bridge with the view to strengthening it so that its large fifty ton cars may at some future time be run over that bridge. It may be said that the legal weight required to be furnished is six tons and that the present cars going over there weigh twenty-two tons. Some complaint has been made of the slippery condition of the pavement on this bridge at the approaches on each end. At both points there is considerable grade, and the wooden pavement while showing scarcely any sign of actual wear has become very hard and smooth by reason of the sand placed there to insure safe footing for horses. This in my judgment could be easily remedied by taking up the blocks on that portion of the roadway where there is a grade and repaving them with half-inch opening between the blocks or substituting in their place a rabbeted block which is furnished by the same company for use on streets where there is a grade, and it is my intention to submit estimates of the cost of this work in the budget for this Department during the coming year.

The Cambridge Bridge was opened for traffic late in the year, and the draw-tenders of the old West Boston temporary bridge, which has been discontinued, are for the present assigned to the new bridge to take care of sidewalks and the general care of the bridge. When this bridge is finally completed and turned over to the commission, it is their intention to take up and provide for the proper maintenance and care of the bridge.

For many years nearly all the above bridges were in charge of the Bridge Division of the Street Department of Cambridge, which already has the care of eight other bridges in the City. There seems to be no good reason why all the bridges should not be under the direct control of the City Council, and I would therefore recommend that such legislation be enacted as will place all of these bridges in the charge of the Bridge Division of the Street Department in Cambridge, as is now and always has been the case in the management of these bridges by the City of Boston.

The following tables show the amounts expended by the City of Cambridge for maintenance and repairs of each bridge, the number of times the draws have been opened and the number of vessels which have passed through each bridge, and the amount received and turned into the City Treasury as revenue.

Respectfully submitted,

GEO. M. CLUKAS,
Bridge Commissioner.

CLASSIFICATION OF EXPENDITURES BY CITY OF CAMBRIDGE.

Object of Expenditures. Dec. 1, 1905–Nov. 30, 1906.	Boylston Street.	Brookline Street.	Harvard.	Prison Point.	River Street.	West Boston.	Western Avenue.	General Account.	Totals.
Draw Tenders' Salaries*	$514 00	$330 64	$1,805 96	$1,507 00	$812 57	$1,974 11	$882 57	....	$7,826 85
General Repairs	34 45	....	1,572 87	55	44 44	....	30 62	....	1,682 93
Lumber	77 20	....	3,541 41	....	98 43	....	67 55	....	3,784 59
Cleaning Bridges	....	....	360 88	....	....	281 38	....	....	642 26
Fuel	....	....	8 40	11 12	5 60	22 32	....	....	47 44
Tools and Hardware	2 05	....	40 12	3 46	14 33	1 50	3 22	....	64 68
Paint and Painting	....	....	40 21	1 13	6 04	....	....	....	47 38
Iron Work	1 98	....	31 87	....	4 42	....	16 18	....	54 45
Electric Light	....	....	1,170 00	....	47 25	613 13	47 25	....	1,877 63
Electric Current	....	....	20 00	....	....	....	....	....	20 00
Electric Repairs	....	....	42 71	....	....	....	....	....	42 71
Commissioner	....	....	....	....	....	....	....	$700 00	700 00
Clerical Services	....	....	....	....	....	....	....	164 58	164 58
Printing	....	....	....	....	....	....	....	34 42	34 42
Stationery	....	....	....	....	....	....	....	12 00	12 00
Sundries	3 57	....	45 87	5 20	4 19	18 75	....	30	77 88
Totals	$633 25	$330 64	$8,680 30	$1,528 46	$1,037 27	$2,911 19	$1,047 39	$911 30	$17,079 80
* Extra help during vacations of Draw Tenders included in above	$14 00	....	$56 00	$47 00	....	$70 00	$70 00	....	$257 00

Salaries of Commissioners, Clerks and Draw Tenders,	$8,691 43
General Expenses	8,388 37
Total	$17,079 80

NUMBER OF TIMES THE DRAWS IN THE BOSTON AND CAMBRIDGE BRIDGES HAVE BEEN OPENED AND THE NUMBER OF VESSELS WHICH HAVE PASSED THROUGH FOR THE YEAR BEGINNING DECEMBER 1, 1905, AND ENDING NOVEMBER 30, 1906.

DATE.	BOYLSTON STREET.		HARVARD.		PRISON POINT.		RIVER STREET.		WEST BOSTON.		WESTERN AVENUE.	
December 1, 1905. November 30, 1906.	No. of Draw Openings.	No. of Vessels Passing Through.	No. of Draw Openings.	No. of Vessels Passing Through.	No. of Draw Openings.	No. of Vessels Passing Through.	No. of Draw Openings.	No. of Vessels Passing Through.	No. of Draw Openings.	No. of Vessels Passing Through.	No. of Draw Openings.	No. of Vessels Passing Through.
December, 1905	12	19	51	71	33	76	13	20	83	157	12	19
January, 1906	2	3	23	33	15	55	2	3	58	116	2	3
February, "	6	9	45	106	10	34	6	9	62	148	6	9
March, "	16	26	129	437	21	68	26	45	308	713	16	26
April, "	8	12	132	452	25	72	10	15	322	892	8	12
May, "	12	19	78	387	26	62	12	19	197	546	12	19
June, "	12	18	81	203	36	104	24	38	143	267	12	18
July, "	14	26	35	58	27	68	16	28	62	133	15	27
August, "	8	14	27	42	25	51	8	14	126	252	8	14
September, "	10	17	22	31	32	69	10	17	298	705	10	17
October, "	6	8	28	45	26	60	17	30	377	938	6	8
November, "	19	32	41	66	43	95	19	32	581	1,294	19	32
Totals	125	203	692	1,931	319	817	163	270	2,617	6,161	126	204

BOSTON AND CAMBRIDGE BRIDGES.

CITY OF CAMBRIDGE.

December 1, 1905. REVENUE. November 30, 1906

Date.	Items.	Bridge.	Total.	One-half City of Boston.	One-half City of Cambridge
1905					
Dec. 1	Thomas Sheridan, old wood.......	Harvard............	$1 00	$0 50	$0 50
Dec. 5	John H. Holt.... " "	"	1 00	50	50
Dec. 13	M. Callahan...... " "	"	1 00	50	50
Dec. 15	M. J. Lynch..... " "	"	1 00	50	50
Dec. 16	Edward Ward... " "	"	1 00	50	50
Dec. 21	John Reilly...... " "	"	1 00	50	50
Dec. 21	M. Smith......... " "	"	1 00	50	50
Dec. 27	John Smith...... " "	"	1 00	50	50
1906					
Jan. 22	S. B. Myers...... " "	"	1 00	50	50
Feb. 10	Samuel Myers... " "	"	1 00	50	50
Sept. 24	Gabriel Farrell, rent of boat house	W. Boston..........	25 00	12 50	12 50
Nov. 10	W. B. Hoitt, old wood..............	W. Boston..........	51 00	25 50	25 50
			$86 00	$43 00	$43 00

REPORT OF THE ELECTRICAL DEPARTMENT

To the Honorable, the City Council of the City of Cambridge: —

Gentlemen: — I have the honor to submit herewith the eighth annual report of the Electrical Department.

The work of this Department continues to increase yearly, but unfortunately the working force and the appropriations remain practically the same as for years past. The number of men in the Department is barely sufficient to maintain the Fire Alarm and Police Signal Systems in working order, so that little time is left in which to make improvements or to do new work. So much of the Superintendent's time is necessary for inspection of new installations of interior wiring that no attempt can be made to inspect old installations or outside work without neglecting the Fire Alarm, Police Telegraph or necessary office work. By far the larger part of the work of the Inspection Department is routine work which could be done by an eighteen-dollar a week assistant under the supervision of the Superintendent.

During the past summer and autumn an inspection of several Departments was made by the inspectors of the Committee on Fire Prevention of the National Board of Fire Underwriters. Their report was received about the middle of November, and your Superintendent feels gratified by the similarity between the recommendations which they make and those contained in his annual report for 1905.

The conclusion arrived at by the Committee and their recommendations that are pertinent are as follows: —

FIRE ALARM SYSTEM.

"The Fire Alarm System is under efficient management, but the force assisting the Superintendent, who has other duties to perform, is entirely too small to give proper attention to its care and maintenance.

The building is entirely unsuitable and the apparatus is in a worn-out condition, and, as stated in the Superintendent's annual report, 'is fit only to be thrown away.' The conditions at headquarters jeopardize the entire system. The number of boxes is deficient and they are poorly distributed, especially in the important districts. All of the wiring is of overhead construction and in a decidedly hazardous and worn-out condition. The entire system is liable to a breakdown at any time, and radical action towards bettering the present conditions is imperative."

"That the replacement of the apparatus at headquarters be made the subject of immediate action under the supervision of a fully competent electrical engineer.

That the fire alarm headquarters be moved to a fireproof building; new headquarters to be specially arranged to reduce as far as possible all liability to interruptions of service, and that until this is done every effort be made to safeguard the present quarters by removing hazards and providing protection.

That all boxes be provided with keys permanently attached, or with keyless doors.

That all boxes be provided with non-interfering devices and platinum point key breaks.

That in addition to the boxes recommended by the Chief of the Fire Department, other boxes be installed, so that a box is within 800 feet of every valuable group of buildings.

That the location of boxes in the mercantile and manufacturing districts be indicated by red lights.

That all fire alarm wires in the closely built section be placed underground. Underground construction should be utilized wherever suitable ducts are available."

INSPECTION DEPARTMENT.

"The Electrical Department is under efficient management, but the force is entirely too small to properly handle the electrical inspections and the signalling systems. The code adopted by the City is virtually a copy of the National Electrical Code, with some modifications, the most important being the spacing of wires for concealed work and the separation of service wires. Its provisions are well enforced.

The general condition of new work is good, but as additions and alterations to equipments are not reported, many defects soon result. The old work shows great need of thorough inspection and overhauling. There are no series arc lights inside of buildings.

The proposed laws recommended by the Superintendent are obviously needed. All electric lighting wires in the City are overhead, but the Electric Light Company has obtained permission to place a portion of the wiring underground and estimates are now being made for such installation in certain parts of the City where wiring is most congested."

"That the municipal inspection force be increased and the electrical ordinances rigidly enforced.

That a complete inspection of old wiring be made and defects corrected, and that all wiring be subsequently reinspected at suitable intervals.

That all overhead wires in the closely built sections, except trolley wires, be placed underground.

That electrical contractors be required to obtain a license.

That systematic tests be made for electrolysis and dangerous conditions eliminated."

They summarize as follows : —

> "FIRE ALARM SYSTEM. Separate from Fire Department; management efficient. Corps not adequate. Headquarters unsuitable. Apparatus poor and unreliable. Circuits all overhead and in generally hazardous condition. Telephone facilities limited. Distribution of boxes poor, and additional boxes needed in all districts. No red lights provided to indicate location of boxes. System not reliable.
>
> ELECTRICITY. Under municipal control, with efficient management. Force inadequate. Laws good, the National Electrical Code being used with modifications. Inspections limited; condition of new wiring good, of old wiring poor."

It is to be deplored that some of your Superintendent's recommendations in last year's report, especially the more important ones, have not been adopted and carried out, so that in addition to the actual safeguards thus obtainable, a more favorable report might have been published by the Underwriters.

INSPECTION OF ELECTRICAL WIRING IN BUILDINGS.

The ordinance calling for registration of electricians and the issuance of permits for their work, which failed of passage last year, was presented to the City Council for consideration again this year, and it is hoped that it will be acted upon favorably. As an example which instances the value and the necessity of this ordinance a deplorable accident which caused the death of one man and seriously injured another on August 14, at the Davis Ice Cream Factory on Massachusetts Avenue, may be cited.

In November, 1905, a 2-horse-power 550 volt motor was installed at this factory. The installation was inspected and approved and a certificate issued to the Electric Light Company authorizing them to turn on the current. In May, 1906, a second motor was installed and connected to the mains which carried current to the first motor. No notice for inspection was sent, and this Department had no knowledge of the installation of the second motor, nor had the Electric Light Company, so that no inspection was made. The motor was mounted on a revolving iron post, and was improperly installed, the floor all around the motor being constantly covered with water. Repeated movements of the revolving post caused the breakage of one of the motor leads, the broken end of the wire coming in contact with the casing of the motor, thus grounding the current through the motor casing, iron post, and wet floor. A workman approaching to investigate the stoppage of the motor received a shock from the grounded current which threw him to the floor. A second workman who ran to the assistance of the first was also thrown down. Before they could be rescued the second man was dead and the first was seriously injured, requiring medical attendance. This accident, with its attendant deplorable results, might have been avoided by the working of the proposed ordinance. In order to make it possible to have every inspection made properly and expeditiously, however, an assistant inspector is necessary.

TABULATION OF INTERIOR WIRING INSPECTIONS MADE IN 1906.

Number of inspections	574
Number of installations inspected	336
Capacity of 16 c. p. incandescent lamps installed	5,679
Capacity of Nernst lamps installed (glowers)	534
Number of low potential arc lamps installed	12
Number of power motors installed	59
Horse power of power motors installed	284
Number of generators installed	1
Kilowatt capacity of generators installed	35
Number of defects noted	239
Number of unfinished inspections	29

INSPECTION OF OUTSIDE WIRING.

Owing to lack of assistance this branch of the work of the Department has received only little more attention this year than in past years. Fortunately for the City, it being so greatly to the advantage of the companies owning and operating pole lines to keep them in good condition, no exceedingly serious defects exist. The matter of pole inspections, however, requires serious attention on the part of the City. It is to be expected that the owners of poles will allow them to remain as long as possible before renewing them, and this policy is liable to cause the continued use of poles which, from the point of view of the City, are dangerous to life and property.

The passage during this year of an amendment to the ordinance allowing the erection of round chestnut poles in certain cases, is a commendable action conducive to good results. The new pole lines on Albany and Pacific Streets are good examples of how pleasing to the eye round poles may be under proper supervision of the quality of the poles selected.

The Cambridge Electric Light Company has taken steps this year to place its wires underground in the more congested districts. Permits have been granted for conduit locations on Western Avenue, Green Street, Landsdowne Street, Albany Street, and Portland Street as far as Broadway, and the work is already under way on Western Avenue. Other permits have been asked for and it is expected that next year a large portion of their lines will be underground.

Following is a table of the permits to run wires granted by this Department during the year: —

PERMITS TO RUN WIRES.

	1905	1906
Number issued to the New England Tel. & Tel. Co.	872	761
" " " " Cambridge Electric Light Co.	47	0
" " " " Boston Elevated Railway Co.	1	0
" " " " American District Tel. Co.	2	0
Totals	922	761

FIRE ALARM SYSTEM.

No serious troubles were encountered in the operating of the Fire Alarm System during past year except during the severe snow storm which occurred on March 15. As a result of this storm nearly all of our circuits were out of order for periods ranging from a couple of hours to three days.

In addition to the above, many open circuits, all due to broken wires, occurred during the year. While the number is materially less than occurred last year, it is, nevertheless, much too large. At the rate at which this Department is able to work it will be about three years more before the circuits will be in a safe condition, so that immediate action should be taken to place underground as much wire as provision is made for.

As may be gathered from the report of the Underwriters' Committee on Fire Prevention as well as from past reports of this Department, the general condition of the system is appalling. It is unfortunate that the past conservatism and the neglect of this Department by the City Government has resulted in such a general worn out condition of the whole system that practically all of it needs renewal at the same time. A new Central Station, a complete new Central Station equipment, underground wires, additional boxes and renewals of present boxes, should be the subject of immediate attention and accomplishment. I realize fully that this will require a large amount of money, but the situation demands radical action if the interests involved are to be safeguarded properly.

The battery stand built last year was put in operation in June and has added much to the appearance and facility of operation of the office equipment. Half of the old battery room has been taken by the Police Department for a detention room, the other half being used as a stock room and storeroom. A large amount of the outside wiring, as stated further on, was renewed, covered wire being used as in the past several years, instead of the bare wire formerly used. The interior wiring for the office apparatus was further simplified and improved, and it is hoped that this part of the work will be completed next year.

Four new boxes were added in the following locations: —

Box 18 Albany Street near Pacific Street.
" 341 Broadway corner Boardman Street.
" 591 Church Street opposite Palmer Street.
" 681 Massachusetts Avenue corner Regent Street.

Following are a few statistics of the system: —

Central Station equipment	1
Fire alarm boxes on the street	106
Fire alarm boxes on private premises	35
Fire alarm boxes with keyless doors	65
Fire alarm boxes with glass doors	11
Fire alarm boxes with glass key boxes	18
Length of circuit wires in system, in miles	106
Tower bells connected with system	10
Steam whistles connected with system	3
Tappers in firemens' residences	53
Tappers in factories where firemen work	8
Tappers in Electrical Department mens' residences	3
Tappers in Fire Department houses	17
Tappers other than above	11
Telephones connected with the system	23
Number of bell alarms for fire sounded during the past year	287
Number of second alarms for fire sounded during the past year	2
Number of general alarms sounded during the past year	2
Number of " no school " alarms sounded during the past year	8
Number of still alarms reported during the past year	46

POLICE SIGNAL SYSTEM.

Less trouble than formerly has been met with in the operation of the Police Signal System this year. As in the past, a large part of the trouble in connection with this system is due to the fact that the men detailed for station duty have not the opportunity to become properly acqainted with the apparatus and its operation. That this is the case may be seen from the fact that most of the reports of trouble come during the daytime, when the night patrolmen are on duty in the stations for half a day at a time. During the night the lieutenants are on duty and from their greater and more constant experience with the apparatus have become proficient in its operation and capable of differentiating between real and apparent trouble.

I submit for consideration the proposal to carry all the police circuits to Police Headquarters, so that all the duty calls may be received at one place on apparatus presided over by trained men detailed solely for table duty. This method would reduce the cost of operating the system and would effect better results to the Police Department. The other three stations could still be maintained if desired, and could be connected with one another and with Headquarters by private telephone lines.

The Police Signal Equipment is composed as follows: —

Three station equipments.
Two patrol wagon house equipments.
Eighty street boxes.
Private telephone system with five stations.
*Fifty-eight miles of circuits.

An inventory of the Fire Alarm and Police Signal Departments follows: —

Fire alarm apparatus and machinery	$11,300 00
Fire alarm and police telegraph circuits	5,500 00
106 fire alarm boxes	7,460 00
Police signal apparatus and machinery	3,000 00
Eighty police boxes	8,000 00
Police signal reserve apparatus	150 00
Testing instruments	450 00
Tools	250 00
Stock on hand	980 00
Old and disused apparatus	250 00
Horses, wagons and harnesses	450 00
Building in Cushing School yard	400 00
	$38,190 00

These figures are somewhat empirical and exceed a fair market value, although they are far less than cost.

CONSTRUCTION WORK.

About twenty-one miles of new iron wire and 8,800 feet of two conductor copper wire were pulled in for Fire Alarm and Police Signal circuits. About 1$\frac{1}{6}$ miles of iron wire were used in extending Fire Alarm circuits for new boxes, six thousand two hundred feet of two conductor copper wire for extending tapper circuits for installing tappers for firemen, and the remainder was used to replace old wire and for repairs. A large part of this replacement was of wire that caused trouble during the storm in March.

A large amount of old wire that is hazardous for use on Fire Alarm circuits still remains, and it cannot all be replaced during the coming year unless an increase is made in the working force of the Department.

Specifications for the electric light wiring for the remodelled City Building in North Cambridge were drawn up by your Superintendent and the work was supervised and inspected by him personally. In August and September the electric bells in the school buildings and the batteries for ringing them were repaired and put in good condition. Some few re-

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*About ten and one-fourth miles of this wire is two conductor twisted copper wire. In figuring the length it is considered as one wire. Figuring it as two wires makes the total about sixty-eight miles.

pairs were made on electric lights for various departments. It was intended not to do any such repair work this year, but the school work was done at the request of the Superintendent of Public Buildings on account of the lack of sufficient appropriation in his department to pay contracting electricians for doing it. Under the present conditions I feel that the time necessary to devote to this work by the Electrical Department is given at too great a sacrifice to the more important branches of the Department.

RECOMMENDATIONS.

Although the recommendations which conditions impell me to make are largely repetitions of those made in former reports, I should be remiss in my duty if I allowed the opportunity to pass without submitting them for your consideration.

1. It is of paramount importance that a new Central Station and a new Central Station equipment be provided for the Fire Alarm. The building should be of fireproof construction, and the apparatus should be ample to provide for possible additions for some time to come. I believe it is neither practical nor advisable to erect a building solely for Fire Alarm purposes: — the best practice would dictate the use of the third story of a building the two lower stories of which were used for Fire Department purposes.

If this recommendation is adopted it will not be necessary or expedient to carry it out in its entirety in one year, and this fact makes the advisability of beginning immediately more apparent in view of the condition of the present apparatus and its housing.

2. The City wires should be placed underground. Ducts owned by the New England Telephone and Telegraph Company are available for use by the City for more than three-fourths of its wire. It is impracticable to complete this work in one year, but I recommend that a sufficient appropriation be made next year to place underground all the wires leading from the Fire Alarm Headquarters to the point where they separate. The wires that extend through North Cambridge, West Cambridge and East Cambridge are carried over buildings on Brattle Street, Palmer Street and Church Street and radiate in several directions from the corner of Massachusetts Avenue and Garden Street. The wires extending to Cambridgeport, and the remainder of the East Cambridge wires cross Brattle Street and run along Mt. Auburn Street. The East Cambridge wires branch off at Boylston Street and pass through Harvard Square, down Peabody and Cambridge Streets, and the Port wires continue along Mt. Auburn Street to Bow Street where they begin to separate, some of them extending over the top of Quincy Hall. Most of this district is

comparatively hazardous in point of danger from serious fires and the risk of a large number of circuits being destroyed is very great. I strongly recommend therefore the immediate placing underground of these wires as far as the main points of distribution.

3. That the working force of the Department be increased by an Assistant Inspector, a Clerk and at least one more lineman. An Assistant Inspector is necessary to relieve the Superintendent of a mass of routine work which hampers him seriously in the administration of the Department. The clerical work of the Department has never been properly attended to on account of lack of assistance. Such work of this nature is done at present by a clerk who acts for the Building Department also, and custom and the conditions of the office decree that most of his time shall be devoted to the latter Department, but the result is that both Departments suffer because it is a physical impossibility for one clerk to do the work of both. The records of the Electrical Department are poor so far as they exist at all and they must continue so until a clerk solely for the use of the Department can be employed. In connection with this subject the location of the office is important. All the work of the Department could be handled better were the office at Fire Alarm Headquarters, and I recommend that it be moved there early in the coming year.

More help is needed in the working force of the Fire Alarm and Police Telegraph Departments to be able to perform the work properly and also to insure that none of the men need work more than eight hours per day. I believe that the eight hour law should prevail here as elsewhere and I recommend that all work in excess of eight hours per day be compensated for as in other departments.

4. There is a great deal of inside wiring for lights, bells and other electrical devices done for the various departments, especially the Building Department, every year. Many of the small repairs are done by the Electrical Department, although to the detriment of the other work of that Department. The larger and more costly part of the work, however, is done by electrical contractors, who of course, charge a profit on both labor and materials. Fully a third of the cost of such work could be saved by employing a wireman permanently. I recommend that an appropriation be made to hire such a man who shall do all the inside wiring for the various Departments.

STREET LIGHTING.

The appropriation for Street Lighting having been too small to cover the cost of maintaining the number of lamps on the streets at the first of the year, no contracts could be made. The Cambridge Electric Light

Company and the Welsbach Street Lighting Company, with whom last year's contracts were made, agreed, however, to continue lighting the lamps according to the provisions of the old contract. The deficit in the appropriation amounted to about $3,000. By a reduction of $6.00 per lamp in the cost of arc lamps made by the Electric Light Company in the middle of the year, nearly $1,500 of this deficit was eliminated. The City Council appropriated $1,500 in November to cover the remainder. It is hoped that the appropriation for the coming year will enable us to make the proper contracts.

The recommendations made in the reports of the past two years relative to incandescent electric lights for street lighting not having been acted on, I desire to again call your attention to the advisability of discontinuing the use of these lamps gradually and substituting in their places either arc lamps or gas lamps.

I desire to call your attention to the lighting of some of our public squares. It has been recognized for some time that Central Square, Harvard Square and Brattle Square are insufficiently lighted. Each of these areas is comparatively large, but they are lighted by only one arc light erected near the middle of the square in each case. It is true that the lights in stores help to some extent in Harvard Square and Central Square, but these store lights do not burn late at night nor on Sunday and holiday nights. I recommend that in each of these squares three or possibly four arc lights be distributed around the outer boundaries and the light in the middle be discontinued. This would insure good lighting, as seems desirable in such important centres. This recommendation may be applied also to other squares.

Much of the light of many of our street lamps is cut off by the proximity and denseness of trees. While I do not advocate the wholesale destruction of shade trees, I believe that it is advisable from the point of view of street lighting to do a great deal of trimming on these trees where they interfere with the distribution of light, so that as much benefit as possible may be derived from each lamp. I advocate trimming the trees to such an extent that on a straight street every lamp may be seen by a person standing in the middle of the street at either end. I recommend that this matter be considered during the coming year.

During the year thirty-one lamps have been added, as follows: —

Arcs	10
Welsbach gas	21

Following is a brief financial statement, some statistics and an inventory of the Department.

FINANCIAL STATEMENT.

Amount appropriated for salaries	$1,000 00
" " " other expenses	78,500 00

The principal items of expense are as follows :—

For arc lighting	$56,036 18
For incandescent lighting	13,226 38
For Welsbach gas lighting	8,667 24
Salary of Superintendent	1,000 00

The expense for electric lighting has been as follows :—

ARC LAMPS.

Amount of bills rendered	$56,105 75
Amount of deduction for outage	69 57
Amount expended for arc lighting	$56,036 18

INCANDESCENT LAMPS.

Amount of bills rendered	$13,264 07
Amount of deduction for outage	37 69
Amount expended for incandescent lighting	$13,226 38

WELSBACH GAS LAMPS.

Amount of bills rendered	$8,677 71
Amount of deduction for outage	10 47
Amount expended for Welsbach gas lighting	$8,667 24

STATISTICAL STATEMENT.

The number of hours in which one or more lamps failed to burn is :—

For arc lamps	2,319
For incandescent lamps	3,769
For Welsbach gas lamps	1,047
Total outage hours for all lamps for year 1906	7,135

The number of lamps maintained by the City on the streets on November 30, 1906, is as follows :—

	Number Nov. 30, 1905.	Number Nov. 30, 1906.	Increase during the year.
Arc lamps	597½	607½	10
Incandescent electric lamps .	443	443	00
Welsbach gas lamps . . .	314	335	21
Total	1,354½*	1,385½*	31

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* Half the expense of one lamp borne by private party.

INVENTORY OF LAMP DEPARTMENT.

336 lamp posts	$3,360 00
Office furniture	275 00
Stock on hand (old and disused)	185 00
Horse, carriage and harness	300 00
	$4,120 00

I desire to express thanks to His Honor, the Mayor, the City Council, and the Committee on Wires and Lamps for the consideration shown me during the year.

Respectfully submitted,

TIMOTHY C. O'HEARN,
City Electrician.

REPORT OF THE BOARD OF SURVEY

Cambridge, December, 1906.

The sixth annual report of the Board of Survey, of the City of Cambridge, is hereby submitted.

In the month of February last, His Honor, the Mayor, appointed Frederic A. McMenimen, Esq., a member of the Board of Survey for the the term of three years, from January 1, 1906, to succeed John T. Scully, Esq., who resigned in the latter part of the year 1905.

On April 1st, William E. Doyle, Esq., resigned his membership and John P. Leonard, Esq., was appointed to succeed the former for the term ending January 1, 1908. At the beginning of July a vacancy was also caused by the resignation of James A. Wood, Esq. The vacancy has not yet been filled, and for half of the year the business of the Board has been carried forward by two members only.

During the year the Board has given numerous hearings upon the proposed widening, extension and laying out of various streets. On Monday, July 16th, the following streets were visited : —

Auburn Street: proposed extension from Sidney Street southeasterly.

Allston Street: proposed extension from Magazine Street to Somerets Street.

Magazine Street: proposed widening and laying out.

Also the following on sundry petitions for acceptance.

Cushing Avenue.
Norumbega Street.
Clarendon Avenue.
Gladstone Street.
Newman Street.
Tenney Street.
Bryant Street.
Hawthorne Avenue.
Thorndike Street extension.
Lawn Court.
Columbus Avenue.
Yorktown Street.
Bismarck Street.
Seven Pines Avenue.
Miller Avenue.
Vandine Street.
Windsor Street extension.
Ninth Street extension.

Plans for the above named streets were not before the Board at the time of the visit, but in most of the cases were subsequently furnished.

Hearings were given from time to time in reference to the laying out of various streets and plans were approved as follows : —

Date of Approval.	Street.	From	To	Date of Plan.
May 1	Marie avenue	Maple avenue	Highland avenue	Oct. 14, 1905
June 7	Lowland avenue	Vine street	Spring street	Mar. 9, 1906
July 19	Columbus avenue	Mass. avenue	A point about 189 feet west	May 7, 1906
July 19	Madison avenue	Columbus ave.	Whittemore avenue	May 7, 1906
July 19	Clarendon avenue	Mass. avenue	Somerville line	May 4, 1906
July 19	Auburn street	Sidney street	Lansdowne street	May 3, 1906
July 19	Gladstone street	Mass. avenue	Bismarck street	May 1, 1906
July 19	Bismarck street	Newman street	Northeasterly 437 feet	May 1, 1906
July 19	Seven Pines avenue	Yorktown street.	Somerville line	Oct. 15, 1900
July 19	Newman street	Mass. avenue	Bismarck street	May 1, 1906
July 19	Bryant street	Francis street	Irving street	May 17, 1906
Sept. 19	Tenney street	Orchard street	Somerville line	June 14, 1906
Sept. 19	Miller avenue	Orchard street	Somerville line	June 5, 1906
Sept. 19	Windsor street	Extension	Somerville line	Sept. 15, 1906
Sept. 19	Houghton street	Prospect street	Somerville line	June 6, 1906
Sept. 19	Wellesley street	Mass. avenue	Danforth street	Jan. 20, 1906
Oct. 15	Allston street exten.	Magazine street.	Somerset street	May 11, 1905

Petitions for the acceptance and laying out of the streets named below not having been regularly referred to this Board were returned to the Committee on Highways of the City Council, viz.: —

Cushing Avenue.
Lawn Court.
Norumbega Street.
Vandine Street.
Thorndike Street extension.
Ninth Street extension.

By request of the Board plans were made by the City Engineer, showing the relocation and replotting of certain streets in the Belmont District, so-called, including the following existing streets and ways, viz.: —

Cushing Avenue and Cushing Court.
Lawn Street and Lawn Court.
May Street.

Public notice was given of the preparation of these plans, and they were open for inspection at the City Engineer's office for thirty days as required by law. A duly notified hearing thereon was given before the Board on September 19th, and a lively interest in the suggested improvements was shown by the attendance of many well known persons of the district affected. The Board took no action upon this matter, but it will again be considered at an early day.

The subject of the proposed widening and laying out of Magazine Court has been before the Board since the beginning of the year 1905. This is a private way extending from Magazine Street to Kenwood Street, formerly known as Walnut Street. The former is about twenty feet in width, and has been dedicated to public travel for many years. A public hearing before the Board was given to all persons interested, in the year 1905, and a further hearing was had during the present year. The Board still has the matter under advisement.

Other acceptance plans of existing private ways now in use for public travel were referred to the Board by the City Council late in the year as follows: —

1. Yorktown Street from Massachusetts Avenue to Seven Pines Avenue.
2. Cambridge Terrace from Richdale Avenue to Seven Pines Avenue.
3. Herbert Street from Richdale Avenue to Seven Pines Avenue.

The subject of the approval of the plans of the three streets above mentioned, has not been considered by the Board.

The financial relations of the Board with the City during the year were as follows: —

Amount appropriated at beginning of the year		$125 00
Additional appropriation		50 00
Total		$175 00
EXPENDED.		
Advertising hearings, etc.	$55 00	
Printing annual report, 1905	7 05	
Stationery and postage	10 52	
Carriage hire	12 00	
Typewriting record	2 00	
Car tickets	10 00	
Salary of clerk for the year 1905	75 00	
		$171 57
Balance unexpended		$3 43

We have recited as briefly as possible in the foregoing pages, the record of the actions of the Board relative to the various petitions referred to it during the year. A large number of petitions came before the Board and a careful examination into their merits was instituted in every case.

The plan of the proposed development of the territory comprised in the Belmont District seems worthy of a thorough consideration. It may involve a considerable expense, and on this account a delay in action therein was deemed advisable.

It seems highly proper in concluding this report that suitable mention should be made of the valuable services to this City by the recently retired members, Messrs. William E. Doyle and James A. Wood.

Their membership of the Board at its creation in the year 1901, was of marked significance to the City, and to their mature judgment we owe the comprehensive development into wide and orderly arranged streets, of all the new territory bounded northerly by Main Street, southeasterly by the Esplanade, northwesterly by the Boston & Albany Railroad and westerly by Massachusetts Avenue.

Both had given faithful service to the Board of Aldermen, the former having also been a member of the Common Council in earlier years, during which they had gained a wide knowledge of the needs of the City. The present members of the Board are glad of the opportunity to bear testimony to the meritorious service of their predecessors in office.

JOHN P. LEONARD, } *Board of*
FRED A. McMENIMEN, } *Survey.*

REPORT OF THE BOARD OF PARK COMMISSIONERS

To the Honorable, the City Council of the City of Cambridge:—

Gentlemen:—The Board of Park Commissioners has the honor to submit herewith its fourteenth annual report for the year ending November 31, 1906, and also the thirteenth annual report of the General Superintendent of Parks, as required by Section 4 of the Ordinance establishing a Park Department.

Cambridge has taken a front rank among the smaller cities of the country in its park development. Our City Governments have been thoughtful of the needs of our people and have been generous in the annual appropriations for park purposes.

Cambridge Field, located in a congested section of the City, has long since proven its value, and Rindge Field, which is receiving attention each year in the matter of construction, will later be as valuable and as attractive to those who will use it, as is Cambridge Field at the present time.

Cambridge needs no further park extensions other than a park development of the Fresh Pond section, which should be made the Central Park of our City. Its large areas of land could be developed for public uses, without any disturbing influence upon the purity of the water in the basin. The cost of a proper development would be covered over a large number of years. It has hills and fields, woods and water, sufficient in size to meet the pleasure requirements of the future growth in population, that our City is destined to have. It seems unwise to longer continue the policy of failing to take advantage of what nature has placed within our midst.

The serious problem which confronts us is the establishment of proper playgrounds. Indeed outside of Fresh Pond, Cambridge Field, Rindge Field and the East Cambridge Esplanade, there is but little opportunity for further extension within our City limits. The opportunity for a large playground, however, is to be found in the large section across the river lying between North Harvard Street and Western Avenue, Brighton. This property is controlled by the Metropolitan Park Commission and it is very convenient to, and easy of access for, the children living in the district crossed by River Street, Western Avenue and Boylston Street. Steps should be taken to interest the Metropolitan Park Commission to give earnest consideration to establishing there a Metropolitan playground to be used by Cambridge and the adjoining section of Boston.

The use of school house grounds during the summer vacation, for small children has proven to be a very successful venture and should be encouraged to the fullest extent.

Boating upon the river is increasing yearly and it is the purpose of the Commissioners to lease boat house sites, at a nominal rental and under proper restrictions, to reputable boat clubs. A new lease has been made with the Weld Boat Club, at Boylston Street Bridge, and a magnificent boat house is now being constructed by Dr. Charles G. Weld, as a gift to the Club in memory of the late George W. Weld.

RIVER ROAD.

It is the river driveway from the new Cambridge Bridge to Boylston Street, that should receive the immediate attention of the City Government.

The dam at Craigie Bridge is nearing completion, when the basin will pass into control of the Metropolitan Park Commission, and will be made the great Metropolitan Water Park of Metropolitan Boston. Along the basin and the lower reaches of the Charles will be the beautiful driveway into Cambridge, and it is our duty, as Park Commissioners, to urge its immediate completion, and your duty to see that it is done.

A contract has been entered into to build a bridge over the Grand Junction tracks near Brookline Street. Several sections of the roadway are practically completed and it now needs but the connecting links to make a continuous driveway to Harvard Square. Its completion will furnish a beautiful pleasure drive, will open up large areas of desirable building sites, and bring to the City a large financial return in taxes.

The Commissioners desire once more to draw the attention of the City Government to the fact, that, notwithstanding the river drive is included in the park system, it is but an incident to it, being rather, a utility proposition of vast importance to our City.

Its construction has been neglected too long and poor business economy has been shown in delaying its completion. The Commissioners urge that a sufficient appropriation be made to allow opening the roadway to the public before the close of the year 1907.

SHADE TREES.

The street trees have been badly neglected during the past three years. There are many dead ones which should be removed, a large amount of trimming should be done and replanting is necessary if the streets are to be kept shaded.

POLICE PROTECTION.

The Board takes this opportunity to draw your attention to the inadequate police protection given to the parks, it makes no criticism of the individual officer, it refers to the system.

When the Department employed its own police, order was maintained, but since that time, park property has been constantly destroyed and the parks more or less controlled by hoodlums. The Board asks that proper and constant police protection be given to the parks, that they be kept attractive and be a place for rest and enjoyment for those who appreciate them.

FINANCIAL STATEMENT.

PARK LOAN.

Amount of unused balance of 1905 appropriations reappropriated December 16, 1905			$5,956 70
Lands and Construction	$3,204 54		
East Cambridge Embankment	2,599 00		
Grading, Rindge Field	153 16		
		$5,956 70	
Amount appropriated April 11, 1906, Shelter at Rindge Field			4,000 00
Amount appropriated August 1, 1906, River Parkway, Section C			25,000 00
Amount appropriated September 20, 1906			2,000 00
			$36,956 70

PARK MAINTENANCE.

Brown Tail Moth Extermination.		
Amount appropriated April 11, 1906	$11,000 00	
Amount appropriated May 6, 1906	3,000 00	
		$14,000 00
Shade Trees.		
Amount appropriated April 11, 1906	5,000 00	
Amount appropriated June 28, 1906	1,500 00	
		6,500 00
Commons, Squares and Public Grounds.		
Amount appropriated April 11, 1906	5,000 00	
Amount appropriated June 1, 1906	1,000 00	
Amount transferred from Sections A, B, D, F and Rindge Field, October 17, 1906	250 00	
		6,250 00

Cambridge Field and Shelter.		
Amount appropriated April 11, 1906 . . .	$6,000 00	
Amount transferred from Maintenance, Shelter at Rindge Field, November 23, 1906 . .	190 00	
		$6,190 00
Sections A, B, D, F and Rindge Field.		
Amount appropriated April 11, 1906 . . .	3,000 00	
Amount appropriated June 28, 1906 . . .	2,000 00	
	5,000 00	
Amount transferred to Commons, Squares and Public Grounds, October 17, 1906 . . .	250 00	
		4,750 00
Sections G and H.		
Amount appropriated April 11, 1906		2,500 00
Bath House.		
Amount appropriated April 11, 1906		2,300 00
General Account.		
Amount appropriated April 11, 1906 . . .	$600 00	
Amount appropriated June 28, 1906 . . .	1,500 00	
		2,100 00
Gymnasium at Rindge Field.		
Amount appropriated April 11, 1906		500 00
Shelter at Rindge Field.		
Amount appropriated September 20, 1906 . .	$300 00	
Amount transferred to the Shelter, Cambridge Field, November 23, 1906	190 00	
		110 00
School House Grounds.		
Amount appropriated April 12, 1906		200 00

During the year bills payable from Park Loans have been approved by the Board and certified to the Auditor to the total amount of $14,721.78, as follows: —

PARK LANDS AND CONSTRUCTION.

River Parkway, Section A.	
Construction account	$994 40
River Parkway, Section B.	
Construction account	188 50
River Parkway, Section C.	
Construction account	3,348 61
River Parkway, Section D.	
Construction account	1,249 01
River Parkway, Section F.	
Construction account	78 00
Amount carried forward	$5,858 52

Amount brought forward	$5,858 52	
Nursery.		
Construction account	237 60	
General Account.		
Construction account	228 00	
Office Expenses.		
Construction account	64 99	
Rindge Field.		
Construction account	2,152 82	
East Cambridge Embankment.		
Construction account	2,236 80	
Shelter at Rindge Field.		
Construction account	3,943 05	
Amount expended		$14,721 78
Amount unexpended		22,234 92

During the year bills payable from Park Maintenance have been approved by the Board and certified to the Auditor, as follows: —

	Amount Expended.	Balance Unexpended.
Brown Tail Moth Extermination	$13,994 63	$5 37
Shade Trees	6,499 55	45
Commons, Squares and Public Grounds	6,250 00	..
Cambridge Field and Shelter	6,189 95	05
Sections A, B, D, F and Rindge Field	4,747 05	2 95
Sections G and H	2,499 66	34
Bath House	2,299 90	10
General Account	2,099 96	04
Gymnasium at Rindge Field	500 00	..
Shelter at Rindge Field	109 66	34
School House Grounds	199 93	07

A detailed classification of the expenditures will be found in the report of the General Superintendent.

Since the beginning of the work in 1893 there has been expended to date, of money raised under Park and Esplanade Loans, the sum of $1,500,209.51.

The division is as follows: —

River Parkway, Section A.		
Construction account	$162,325 72	
Land account	9,416 83	
		$171,742 55
River Parkway, Section B.		
Construction account		97,081 37

River Parkway, Section C.		
Construction account	$80,690 61	
Land account	31,701 08	$112,391 69
River Parkway, Section D.		
Construction account	$111,998 64	
Land account	95,047 25	$207,045 89
River Parkway, Section E.		
Construction account	$935 72	
Land account	60,110 00	61,045 72
River Parkway, Section F.		
Construction account	$62,431 58	
Land account	67,491 62	129,923 20
River Parkway, Section G.		
Construction account	$120,669 41	
Land account	86,824 82	207,494 23
River Parkway, Section H.		
Construction account	13,135 30	13,135 30
Cambridge Field.		
Construction account	$127,315 28	
Land account	78,884 85	206,200 13
East Cambridge Embankment.		
Construction account	$102,536 68	
Land account	45,231 40	147,768 08
General Account.		
Construction account	52,713 80	52,713 80
Rindge Field.		
Construction account	$14,146 04	
Land account	31,461 85	45,607 89
Office Expenses.		
Construction account	15,915 29	15,915 29
Broadway Park.		
Construction account	11,635 27	11,635 27
Nursery.		
Construction account	8,747 54	8,747 54
Improvements at Rindge Field.		
Construction account	7,788 98	7,788 98
Hastings Square.		
Construction account	2,683 07	2,683 07
Baths and Lockers.		
Construction account	2,500 00	2,500 00

Winthrop Square.		
Construction account	$1,866 26	$1,866 26
Fort Washington.		
Construction account	929 79	929 79
Washington Elm.		
Construction account	466 98	466 98
Porter Square.		
Construction account	20 87	20 87
		$1,504,703 90
Less Park revenue for 1894 and 1896 merged into land and construction accounts		4,494 39
		$1,500,209 51

Of the whole amount of Park Loans expended to December 1, 1906, 33 percent. has been for land and 67 percent. for construction, as follows: —

Land account (less revenues)	$501,675 31
Construction account	998,534 20
	$1,500,209 51

Respectfully submitted,

GEO. HOWLAND COX,
CHARLES S. CAHILL,
WILLIAM M. WADDEN,
Park Commissioners.

REPORT OF THE GENERAL SUPERINTENDENT OF PARKS

CAMBRIDGE, December 1, 1906.

To the Board of Park Commissioners of the City of Cambridge:—

GENTLEMEN:—I have the honor to present, herewith, my first annual report as General Superintendent of Parks, covering the financial year of 1906.

SECTION A.

(Area 9.07 acres.)

Section A extends from the south line of Main Street as widened for the approach to the new Cambridge Bridge, to the west line of the third street east of Massachusetts Avenue.

Seven Welsbach lights have been maintained during the year.

The trees on this section are in very good condition.

Thirty-seven and six-tenths cubic yards of cinders were delivered here at a cost of $9.40. The former Commissioners sold 1,134½ cubic yards of gravel at forty cents per cubic yard which netted to the City the sum of $453.80, but as the filling which was put there to replace this gravel was left in such an uneven condition, the present Board stopped the further sale of the gravel. More filling was dumped here than was required to bring the ground to sub-grade, consequently a large amount of this surplus material was given to the Street Department for filling at the elevation of the new Cambridge Bridge. There still remains quite a large amount of this surplus filling to be removed.

SECTION B.

(Area 19.72 acres.)

Section B extends from the west line of the third street east of Massachusetts Avenue to the west line of the fourth street west of the Avenue, but does not include Massachusetts Avenue.

There was no appropriation made for cutting grass on this section until May 29th, consequently there was no work done prior to that time. The grass had grown to such a height that scythes had to be used to cut it, which cost more than if the work had been done in the regular way.

Eight men were employed four weeks cutting grass, cleaning the shrubbery beds, edging ribbon strips and keeping the roadways and sidewalks in good shape.

Four men have been constantly employed since then taking the proper care of the place.

The lawns here have been neglected for three years and are overrun with dandelions and plant weeds it will require a larger appropriation the coming year to have them removed, weeding being one of the most expensive jobs that is done in the Department.

The trees and shrubbery are in good condition, although in several of the beds the shrubbery has died.

Although much used, the settees are in good condition, and I recommend the placing of more here the coming season.

The ribbon strip on the east side of Massachusetts Avenue should be sodded.

The catch basins have been cleaned.

Twenty-six Welsbach lights have been maintained.

The thirty-foot road west of Massachusetts Avenue is in poor condition and should be resurfaced.

Six hundred feet of the thirty-foot road as well as the fifteen-foot sidewalk between Robinson and Erie Streets, were brought up to grade.

The four catch basins on this part of the roadway are four inches too low and should be brought up to proper grade.

There remains to be built on this section 357 feet of sea wall in order to complete the proposed plan.

There has been a board walk, three feet wide and two hundred feet long, laid between Riverbank Court and Dr. Tuttle's property.

SECTION C.

(Area 13.39 acres.)

Section C extends from the west line of the fourth street west of Massachusetts Avenue to the east line of Brookline Street, but does not include the right of way of the Grand Junction Railroad.

On the first of November work was started on this section. Eighty-seven tree pits fourteen feet long, seven and one-half feet wide and three feet deep were excavated. The surplus material taken from these pits was used to build the sidewalk and roadway further west.

The thirty-foot roadway west of Erie Street for 680 feet has been cut down to grade. One-half of this material was carted to Section B and put on the thirty-foot roadway and fifteen-foot sidewalk between Robinson and Erie Streets; the balance was placed on the roadway and sidewalk near the elevation of the proposed new bridge.

The ribbon strips for 1,050 feet have been cut down to sub-grade and are ready for loam.

On November second the Board invited bids for eight hundred cubic yards of loam for tree pits. Jeremiah Sullivan was awarded the contract at $1.00 per cubic yard, his being the lowest bid of the three received. The loam has been placed in forty-five of these tree pits, and it is expected that the remainder will be completed in the early spring.

The plans submitted by City Engineer, L. M. Hastings, for an overhead bridge over the railroad track were accepted by your Board and work has been started on the foundations.

The grade of this bridge is nearly twenty feet higher than the present parkway and large quantities of filling will be required.

There should not be much trouble getting this filling as the subway will be started this coming year and this should give the Department all the filling it requires.

Seven hundred thirty-two and twenty-four hundredths cubic yards of filling were received here at a cost of $112.04.

SECTION D.

(Area 38.31 acres.)

Section D extends from the west line of Brookline Street to the south line of River Street.

The usual work of maintenance has been done during the season. Two men have been constantly employed cutting grass, cleaning shrubbery beds and taking care of the roadway between Magazine and Brookline Streets.

The shrubs have been pruned and the sidewalk edged.

There are a great many weeds on the lawns that should be removed the coming year.

Pearl Street extension has been cleaned, the sidewalks lined up to grade, the street rolled by steam roller, a covering of stone dust put on and rolled.

The extension of the Park Road at Brookline Street is being completed by the Bridge Commission.

The large weeds on the land bounded by Brookline, Magazine, Granite Streets and Charles River Road were removed.

The pools of stagnant water on this land which were a menace to health, particularly to residents of the neighborhood, have been drained.

The tide gate at the dyke has been repaired. This should prevent the water coming in at high tide and flooding the land.

Twenty-nine Welsbach lights have been maintained, eighteen on the driveway and eleven on the Island, together with three arc lights on the beach during the bathing season.

The trees and shrubs are in fair condition.

More shrubbery should be planted to replace that which has died.

There has been about two hundred and fifty cubic yards of mud taken off the bathing beach. The removing of this mud is very expensive, as the work can only be done at low tide. It is first necessary to scrape the mud into piles with a drag hoe, then shovel it into barrows. On account of the wet condition of the mud very little can be removed at once.

The bathing beach should be resurfaced with fine sand this coming season. To do this will require about three hundred cubic yards.

The bath house was open from June 16th to September 12th. The usual number of attendants were employed, two life guards, two men in the men's bath house, one man in the men's locker house, one man in the boys' locker house, one woman in the women's bath house and one who sold tickets. As there is no way of checking, it is impossible to give a correct estimate of how many bathed at the beach during the season. The total receipts for suits, towels and lockers were $1,481.30, being $190.60 less than in 1905. This loss in revenue can readily be accounted for by the cool weather in the latter part of June and the first part of July, there being very little warm weather until July 6th.

The laundering was done by the Cambridge Laundry at a cost of $1.00 per hundred pieces for stockings and towels, and $2.00 per hundred pieces for suits. The laundry did not prove as satisfactory as was expected, especially as on Monday after a hot Saturday and Sunday there would be no towels or suits returned until late in the afternoon. I can see no remedy unless there is a laundering plant established at the beach or a much larger supply of suits and towels purchased.

There were 183 men's and 180 women's suits bought this year, and there are now on hand 443 men's and 339 women's suits, together with 754 towels. I recommend that some suitable person be employed as superintendent of the beach during the bathing season, that the rules of the Department be enforced and order maintained.

The baseball ground was in great demand during the season, 55 permits being granted to play ball there. Numerous requests were made to have the grounds put in better condition but as there was no appropriation for this purpose there was very little done. I should recommend that a suitable appropriation be made to keep the grounds in proper condition during the ball season.

There were thirty-five feet of water pipe laid to the ball field to supply water for drinking purposes. This will accommodate those who use the ball field and will also save the lawns and shrubbery beds, as not only boys but men have run over the grass and through the shrubbery to where the old fountain was located, not caring what damage they did.

There was no construction work done on the Park road between Magazine and River Streets this year except levelling 1,783.28 cubic yards of filling which was received in December.

SECTION E.

(Area 1.77 acres.)

Section E extends from the north line of River Street to the south line of Western Avenue.

There was no appropriation made for this section and no work was done this season.

SECTION F.

(Area 13.89 acres.)

Section F extends from the north line of Western Avenue to the east line of Boylston Street.

As there was no appropriation made for this section for cutting grass until May 29th, there was no work done up to that date. The grass then had to be cut with a scythe. The shrubbery beds were overrun with weeds and it required four men for three weeks to put them in the proper condition. Since that time there has been constantly employed two men cutting the grass, cleaning the roadway and edging the ribbon strip.

The shrubbery in this section has been pruned also.

Several of the trees have died and should be replaced in the spring.

The Street Department has been dumping ashes along the river side of the Park road just north of Western Avenue. The New England Telephone and Telegraph Company has also dumped and levelled about 300 loads of clean filling. This has covered the unsightly look of the ashes and has widened the proposed road to the full proposed width in some places. There is a good opportuuity to get the remaining parts of this filled the coming year if there is enough money appropriated to keep two or three men to level the filling. Several requests have been made for the privilege of dumping here but had to be refused for lack of appropriation.

The building of the new Weld Boat Club House necessitated the removal of a large quantity of shrubbery which was brought to the Nursery and planted; this can be used again when needed. Part of the iron fence had to be removed to make room for the new building.

The garden hydrants near Boylston Street have been repaired, and I would recommend that more hydrants be placed between De Wolfe and Sands Streets for the benefit of the trees and shrubs.

Nine Welsbach lights have been maintained during the year.

I would recommend that lights be placed between Cowperthwaite Street and Western Avenue.

SECTION G.

(Area 16.07 acres.)

Section G extends from the west line of Boylston Street to the east line of the land of the Stillman Infirmary.

Twenty-six Welsbach lights have been maintained during the year.

There have been three men employed on this section during the summer months cutting the grass, cleaning the roadway and taking care of the shrubbery beds, also one man employed five weeks in pruning the shrubs.

Several of the trees on this section have died and should be replaced this spring.

The edgestones between Boylston and Murray Streets are very uneven; these should be reset and the gutter paved.

The paved beach near Boylston Street should be repaired and the beach between Bath Street and Gerry's Landing should be resurfaced with gravel, as the action of the tide at this point has caused much erosion.

The wire fences on Mt. Auburn Street have been repaired several times during the season.

I wish to call your attention to the lawns on this section; the dandelions and plant weeds have taken a firm foothold and in my opinion after they are removed the proper course to pursue will be to reseed the lawns. This being one of the largest sections of the River Parkway there should be money enough appropriated to employ five men from the first of April to the fifteenth of October.

The police protection here has not been what it should be. When the officer was left here permanently the section was cared for satisfactorily, but several times during the season he has been taken off to perform other duty, and consequently the care was left to the route man, who, having a large territory to cover, could not give the care the section required.

SECTION H.

(Area 1.44 acres.)

Section H extends from the east line of the land of the Stillman Infirmary to the Metropolitan Park taking at Gerry's Landing.

The usual care was given the grass and trees on this section, which are in fair condition.

CAMBRIDGE FIELD.

(Area 12.64 acres.)

The usual work has been done here during the season.

Five men have been employed during the summer months caring for the lawns and walks.

The shrubbery beds were cleaned and thoroughly trimmed. The shrubbery in several of the beds has been trampled on and died out, and should be replenished in the spring.

Considerable trouble has heretofore been experienced with the trees, but none have died this year. There are several vacancies that should be refilled. During the dry season the trees got special care. I would recommend that the Department keep a supply on hand of this variety to replace all vacancies immediately.

The usual care has been given the ball field. The grounds were well patronized during the baseball season, seventy-two permits for playing ball being granted.

The sand courts were well used by mothers and young children.

I would recommend that some protection be placed over the courts to protect the children from the sun on hot days.

On account of the open winter, there were only four days that skating could be enjoyed.

The flagpole should be painted this spring.

The shelter was open as usual, and for a few weeks was kept open until nine o'clock at night. This did not prove as satisfactory as was expected, consequently, it was closed again at the usual hour, six o'clock.

The shower baths were open from one to ten o'clock on Tuesday and Friday for women; from nine to eleven o'clock on Saturday for young girls; Saturday afternoon for boys, and the remaining days of the week for men, including Sunday from eight to one o'clock. One man has been employed for the men bathers and a matron has charge of the women bathers. A charge of two cents for a towel and piece of soap has been levied. There was such an increasing demand for bathing that it was found necessary to add four new shower baths. I find that the shower baths are in such constant demand that the apparatus now in use is not capable of furnishing enough hot water and should be remedied.

The receipts received from the shower baths were $280.71.

The following table shows the number of bathers for the year: —

	Men.	Women.	Boys.	Girls.
December, 1905	1,112	165	452	52
January, 1906	1,516	199	662	115
February, “	1,275	684	340	105
March, “	1,600	316	893	183
April, “	2,039	709	802	386
May, “	2,800	699	1,521	432
June, “	3,898	803	3,707	931
July, “	4,964	2,602	4,839	1,350
August, “	6,917	2,482	7,243	1,543
September, “	5,028	1,309	4,136	606
October, “	2,900	947	1,066	220
November, “	2,281	668	1,002	82
	36,330	11,583	26,663	6,005
Grand total			80,581	

The following is a list of stock on hand at the field: —

1,020 towels.
150 ft. garden hose.
150 ft. rope.
30 iron stakes.
6 wooden rakes.
6 long-handle shovels.
4 crow bars.
4 scuffers.
4 lawn mowers.
4 reed push brooms.
4 barrels wood ashes.
3 iron rakes.
2 wooden scoops.
2 sickles.
2 floor brushes.
2 feather dusters.
2 picks.
2 spades.
2 grubbers.
2 short handle shovels.
2 step ladders.
1 pair large trimming shears.
1 pair small trimming shears.
1 monkey wrench.
1 wooden wheelbarrow.
1 lantern.
1 sod edger.
1 sledge.
1 hand saw.
1 fork.

1 axe
1 platform trunk.
1 iron roller.
1 ice scraper.
1 large reel for fire hose.
½ box soap.

RINDGE FIELD AND NURSERY.

(Area 11.52 acres.)

Work was started here October first. The field on the Groveland Street side was from six inches to four feet above the finished grade. The surplus material was removed in teams and barrows to that part of the field along Yerxa Road which was below grade.

The lawn on this side of the field is very nearly completed.

The yard in front of the Shelter has been brought to sub-grade, and a covering of one inch of good binding gravel is required to finish it.

Twenty-six tree pits have been dug along Yerxa Road, 4 x 4 x 3, and filled with loam. The trees will be planted in the spring.

For want of appropriation the field has not been finished. It is to be hoped that the coming season will see it completed.

The base ball grounds are in fair condition, forty-five permits being issued during the season.

I hope that the appropriation will be increased so as to give this part of the field the proper care the coming season. Several complaints have been received about the stagnant water that lodges in that part of the field bordering on the railroad track. All of the material that came from the cellar of the Shelter was placed there, and the Sewer Department also placed the surplus material from the sewer on Railroad Street without any expense to the Department, yet there still remains quite a space to be filled.

On May twenty-fifth a contract was awarded Thomas Powers to erect a building to be used as a Shelter. This building consists of eight rooms and basement. On the west side there is one room, which consists of four toilets for men; one small room that can be used as a dressing room, and one small room that is intended for baths. On the east side of the building the same number of rooms and toilets for women. In the centre of the building is a large lounging room, off of which is a smaller room which is used as an office. As the rooms are very small for bathing I would recommend the shower baths be placed in the basement.

As there was no provision made for heating the building it cannot be kept open this winter. There were two hundred feet of six-inch sewer pipe laid from Yerxa Road to the Shelter. The excavating and filling were done by the men of this Department, and the pipe laid by the men of the Sewer Department.

One man is constantly employed in the Nursery taking care of the trees and shrubs. Some of the trees have grown so large that they should be cut down. The rest of the trees and shrubs are in good condition.

The following inventory gives an account of the stock on hand in the Nursery:

TREES.

Acer platanoides	26
Acer saccharum	7
Acer saccharinum	10
Fagus ferruginea	10
Fraxinus Americana	10
Platanus orientalis	6
Populus Bolleana	7
Populus fastigiata	20
Quercus rubra	236
Quercus macrocarpa	113
Salix pentandra	7
Salix Wisconsin	4
Tilia Americana	42
Ulmus Americana	70

SHRUBS.

Amorpha fruticosa	6
Andromeda floribunda	10
Andromeda japonica	3
Aralia pentaphylla	34
Azalea amoena	12
Baccharis halimifolia	20
Buxus sempervirens	20
Calycanthus floridus	21
Caragana arborescens	40
Celastrus scandens	30
Cephalanthus occidentalis	10
Clethra alnifolia	200
Cornus alba	13
" circinata	18
" florida	30
" paniculata	21
" sericea	100
" siberica	5
" sanguinea	51
Crataegus oxycantha	60
Deutzia crenata	12
Deutzia gracilis	6
Diervilla rosea	3
Eleagnus longipes	14
Euonymus Americana	2
Euonymus radicans	100

Exochorda grandiflora	30
Forsythia fortuneii	100
Forsythia viridissima	70
Hydrangea asplenifolia	43
Hydrangea paniculata	1
Ilex glabra	15
Ilex verticillata	10
Juniperus	3
Kalmia latifolia	25
Kerria japonica	100
Ligustrum ibota	26
Ligustrum vulgaris	16
Lonicera bracbypoda	50
" halliana	60
" tatarica alba	24
" tatarica	60
Lycium barbarum	10
Mahonia aquifolia	10
Philadelphus coronarius	20
Periploca graeca	10
Rhamnus catharticus	20
Rhododendrons	30
Rhus aromatica	12
" canadensis	35
" typhina	20
Ribes aureum	3
Rosa blanda	23
" multiflora	20
Rosa nitida	1
" rugosa	400
" setigera	8
" wichuraiana	3
Rubus ordorata	60
Spiræa Anthony Waterer	46
" billardii	10
" bumalda	37
" callosa	4
" pruniflora	7
" salicifolia	32
" Van Houteii	60
" tomentosa	48
Staphylea trifolia	30
Stephanandra flexuosa	20
Symphoricarpos racemosus	37
" vulgaris	40
Syringa vulgaris	26
Tecoma radicans	2
Tamarix africana	12
Viburnum acerfolia	39
" dentatum	11

Viburnum lantana	46
" lentago	2
" opulis	27
" opulis nana	5
" tomentosa	14
Xanthorrhiza apiifolia	40

On October first there was a contract awarded to the Narragansett Machine Company of Providence, R. I., to furnish an out door gymnasium which was completed on November first. But its use created such a disturbance to the neighbors, that it was deemed advisable to remove the principal parts of the apparatus until such time as some suitable person could be employed to have charge of the gynmasium, and proper police protection afforded to maintain order.

The gymnasium consists of the following apparatus: —

10	travelling rings.
2	pair flying rings.
2	trapeze.
4	climbing ropes.
2	vertical ladders.
2	inclined ladders.
2	pair sliding poles.
2	pair vertical slide poles.
2	horizontal ladders.
2	vaulting bars.
2	horizontal bars.
1	vaulting horse.
1	parallel bar.
1	pair vaulting standards.

BROADWAY COMMON.

The usual care has been given here, cutting the grass and cleaning the walks and shrubbery beds.

The wire fences around the lawns have been frequently repaired.

The iron fence around the Common is in good condition.

The flag pole should be painted.

Several of the shrubs have been trampled and others have died, and these should be replaced in the spring.

FORT WASHINGTON.

The flag pole is in very poor condition and should be repaired.

The usual care has been given the grass and shrubbery beds.

HASTINGS AND DANA SQUARES.

The usual care has been taken of the grass and shrubbery.

The walks were edged and kept clean.

All the shrubs were pruned.

There are a few places in the shrubbery beds that need refilling with a variety of shrubs.

The shrubbery beds were scuffled twice during the season.

CAMBRIDGE COMMON.

The usual number of men have been employed here during the season cutting the grass and cleaning the walks and lawns.

A large portion of the lawns are overrun with dandelions and chick weed, which should be removed.

The baseball grounds were kept in good condition, and goal posts were set for foot-ball.

The fences around the Common and Monument are in good condition.

More settees will be required during the summer season.

The Daughters of the Revolution erected a memorial gate at the entrance of Massachusetts Avenue and Garden Street at a cost of $5000 which will be a perpetual token of the patriotism of their society as well as an ornamental acquisition to the historic Common.

On Monday, October first, known as "Bloody Monday Night," the base of the statue of Charles Sumner was very much disfigured on the four sides. The letter "H" was painted in red. It required the services of an expert for fourteen days to remove it, which cost the Department $75.

WINTHROP SQUARE.

During the season the usual care has been given the shrubbery, grass and walks.

The wire fences were repaired.

The shrubbery beds require more loam to bring them to grade.

PUBLIC LIBRARY GROUNDS.

The grounds surrounding the Public Library, Manual Training, English High and Latin Schools received the usual attention. Three men have been constantly employed cutting the grass and cleaning the walks and shrubbery beds.

The shrubbery was pruned and several of the walks resurfaced.

The lawns in front of the English High School are filled with weeds, which must be removed, otherwise, the lawn will be ruined.

CITY HALL.

Special care has been given these grounds.

The grass has been cut and the weeds have been removed from lawns.

The usual number of plants were placed in the beds this spring and cared for during the season.

Tulips and hyacinths have been planted this fall which will doubtless add to the appearance of the lawns in the spring.

SCHOOLHOUSE GROUNDS.

The City Ordinances provide that this Department shall have the care of schoolhouse grounds, but as there was no appropriation provided in the last budget for this purpose nothing could be done.

If these grounds are to be cared for by the Park Department there should be some suitable appropriation made for the same.

The two hundred dollars appropriated for sand courts was spent as follows: nine boxes, twelve feet by by twelve feet by eighteen inches with three loads of good sand in each box, cost one hundred and sixty-eight dollars and seventy-five cents.

The courts were placed in the following school yards: Cushing, Felton, Gore, Lassell, Putnam, Riverside, Sleeper, Tarbell and Taylor.

The remainder of this appropriation was used to remove the sand courts.

The lumber and sand are stored at the Park Department yard and can be used again for the same purpose if required.

WASHINGTON ELM.

Under the direction of Professor Sargent of the Arnold Arboretum, the large iron bands that have been on the tree for twenty years have been removed. In place of these bands there have been six holes bored with a seven-eighths inch augur and three 1-inch iron rods have been run through these holes and fastened on both ends with nuts and washers to keep the limbs from spreading; this does away with the unsightly look of the large iron bands. The tree was thoroughly sprayed in the spring with arsenate of lead to keep the insects from destroying the foliage and it is now in a very good condition.

SHADE TREES.

A large amount of work was done on tree trimming, repairing wire guards and removing dead and dangerous trees. Sixty-eight petitions have been received, fifty-three of which have been granted. Several dead trees and some in a dangerous condition have been removed without petitions. Three hundred and seventy-nine trees were trimmed on orders sent in by citizens. One thousand four hundred and ninety-one were trimmed systematically, as they had grown so low that they were a menace to teams and pedestrians. The following table shows the streets on which the trees have been so trimmed and on which the wire guards have received attention: —

STREET.	No. trees trimmed.	No. guards repaired.	No. new guards.	No new poles.	No. trees retied.
Bigelow	48	34	9	....	....
Boylston	40	36	4	3	10
Brattle	152	....	....	....	....
Channing	43	38	5	3	....
Chauncy	45	....	....	....	....
Doane	5	....	....	....	....
Eliot	20	16	4	4	10
Foster	50	12	....	....	....
Garfield	44	18	26	....	....
Gibson	23	....	....	....	....
Gray	23	14	9	....	....
Hancock	28	26	2	....	....
Harvard	30	12	2	....	....
Hawthorne	33	19	14	....	....
Hurlburt	14	6	....	....	....
Huron Avenue	58	28	30	....	....
Inman	16	14	2	10	2
Kenway	15	....	....	....	....
Linnæan	70	12	....	....	....
Lowell	32	12	2	2	....
Mason	15	....	....	2	4
Massachusetts Avenue	155	18	....	4	....
Mt. Auburn	135	119	16	16	30
Mt. Vernon	35	26	9	....	....
Prospect	108	92	16	32	....
Raymond	5	5	....	....	....
Richdale Avenue	2	....	....	....	....
Sparks	97	76	15	....	....
Upland Road	120	110	10	....	....
Willard	30	24	6	....	....
Totals	1,491	767	181	76	56

There are also several other streets on which the trees should receive similar treatment.

On October first, there were fifty-nine large dead trees throughout the different parts of the City. These should be removed the coming season. There are also 204 small dead trees that should be removed and new trees planted.

Ninety-nine trees were planted on several streets at the request of the abuttors.

There are at present 125 orders in the office for trees to be planted in the spring. The bark on numerous trees had grown over the wire guards to such an extent that in some cases it became necessary to leave part of the wire in the tree. There are also a great many more in the same condition and should receive immediate attention, as this is very injurious to the tree.

GYPSY AND BROWN TAIL MOTH EXTERMINATION.

A large number of men were employed during the winter months removing the nests of the brown tail moth from the branches of the trees and treating the nests of the gypsy moth with creosote. Six thousand three hundred and ninety-eight street trees were cleaned and about 3,500 private estates. A charge of twenty-five cents per hour was made for all private work and was collected for the first time on the tax bill. The total amount of charges was $4,750.75.

In the latter part of May bands of burlap were placed about the trunks of 2,634 trees, at a cost of two and one-half cents per tree; one-half cent for burlap and two cents for labor. It required eight men to turn the burlap on these 2,634 trees each day at a cost of five-eighths of a cent per tree per day.

I consider this one of the best and most economical ways of exterminating the pest. Their habits are to feed on the foliage at night and to descend in the early morning to the trunk of the trees for shade and protection from the sun. The burlap then becomes a trap for them. When the burlap is turned they are found nested in large numbers and can easily be destroyed with wire brushes. We find on the trees thus treated there are now very few moth nests.

I would recommend that a thorough system of burlapping be done the coming season as I find there are quite a number of bad colonies throughout the City. One of the worst is bounded by Baldwin and Cambridge Streets and Massachusetts Avenue to the Somerville Line, and another equally as bad bounded by Putnam Avenue, Brookline and Granite Streets to the Boston and Albany Railroad track.

The following is a list of the streets and the number of trees on each that were burlapped: —

Aberdeen Avenue	71
Acacia	1
Allen	2
Appleton	61

Beech	26
Berkeley	25
Blake	12
Brattle (Brattle Square to Mt. Auburn Street)	206
Brewster	10
Broadway (Prospect Street to Memorial Hall)	134
Buckingham	65
Cambridge Common	272
Channing	42
Chester	28
Clarendon Avenue	16
Concord Avenue	78
Craigie	56
Davenport	31
Day	35
Doane	5
Dover	26
Farwell Place	7
Fayerweather	67
Follen	27
Foster	53
Frank	20
Garden	85
Harvard (Prospect Street to Quincy Square)	160
Hawthorne	33
Highland	42
Huron Avenue (Sherman Square to Concord Avenue)	32
Kenway	16
Lakeview Avenue	49
Lexington Avenue	34
Lowell	31
Mason	19
Massachusetts Avenue (Porter's Station to Tannery Street),	82
Meacham Road	29
Mercer Circle	45
Milton	18
Mt. Auburn (Eliot Square to Homer Avenue)	171
Orchard	160
Parker	7
Reidesel Avenue	23
Reservoir	21
Russell	21
Saville	17
Sparks	64
Story	6
Traill	33
Waterhouse	10
White	4
Willard	30
Woodbridge	16
Total	2,634

Last spring the Department purchased an Olds Gas Spraying Machine of one and one-half horse power, which has a tank of 300 gallons capacity with five lines of hose. This machine cost $582. Six men are required to operate it. It has done excellent work during the spraying season as sixty average sized trees were sprayed in eight hours. The Department has lost nothing in purchasing this machine.

The following is a list of the streets on which the trees were sprayed:

Allston
Andrew
Arlington
Arsenal Square
Auburn
Avon
Bay
Boylston
Brattle
Broadway
Brookline
Buckingham
Centre
Channing
Chestnut
Cottage
Craigie
Dana
Decatur
Eliot
Ellery
Ellsworth Avenue
Erie
Fayerweather
Florence
Follen
Foster
Franklin
Garden
Gibson
Glover Square
Green
Greenough Avenue
Hamilton
Hancock
Harvard
Henry
Hews
Highland Avenue
Howard
Jay
Kinnaird
Lake
Lakeview Avenue
Lawrence
Lee
Linnaean
Lopez
Lowell
Magazine
Mason
Mercer Circle
Mt. Auburn
Newton
Niagara
Otis
Park
Pearl
Perry
Pleasant
Prince
Putnam Avenue
Raymond
Reservoir
Saville
Sidney
Sixth
Sparks
Sumner
Upland Road
Upton
Walker
Warland
West
Western Avenue
Willard
William
Winthrop Square

ELM LEAF BEETLE.

A great amount of damage was caused this season by the elm leaf beetle which infested the trees throughout the City. The Department was unprepared to take care of this pest, and if the insects are as numerous the coming season as they were this season it will require a large number of spraying outfits to save the trees.

"The mature beetle hibernates in large numbers under shingles and clapboards of buildings and under the rough bark of trees, and elsewhere. In May the beetles emerge from their winter quarters and feed for some weeks on the foliage of the elm, making round holes through the leaves. A badly infested tree at that time of year appears as if charges of fine shot had been fired through the foliage. The eggs, similar in appearance to those of a potato beetle, are laid in clusters on the under side of the leaves. Hatching takes place late in May or early in June.

The slugs feed on the lower epidermis of the leaf, and by July 1st often cause the trees to turn as brown as if scorched by fire. When full-grown the slugs are about one-half an inch long, yellowish, with a conspicuous black stripe on either side, and black dots down the centre of the back. About the middle of July they descend to the trunk of the tree or to the ground and pupate in large masses. The pupæ are orange yellow in color, and from them the beetles emerge by August 1st.

REMEDY.

Spraying with arsenate of lead during the first two weeks of June will destroy the slugs and prevent injury to the trees. Care must be taken to thoroughly spray the under surface of the leaves. Later in the season the slugs and pupae may be destroyed in the bark or at the base of the trees by the use of a strong soap suds, kerosene emulsion or even hot water."

The following is an inventory of the stock on hand at the stable: —

800 ft. garden hose.
600 ft. spraying hose (poor condition).
600 ft. rope (poor condition).
400 ft. garden line.
400 ft. spraying hose (good condition).
325 tree poles.
100 ft. ladder rope (good condition).
75 gallons creosote.
60–4 ft. stakes.
48 long handle shovels.
45 shears for poles (poor condition).
40 pounds marline.
40 ft. wire netting.

36 balls twine.
32 picks (good condition).
28 picks (poor condition).
25 fence poles.
25 pounds staples.
22 garden hoes.
22 iron rakes.
22 sickles.
18 sprinklers.
17 wooden rakes.
15 scuffle hoes.
12 lawn mowers (poor condition).
11 snow shovels.
10 lawn mowers (good condition).
10 extension ladders.
10 gallons lubricating oil.
10 spraying rods.
10 wooden rakes (poor condition).
10 weed diggers.
9 push brooms.
9 spading forks.
8 half ladders.
8 poles for shears.
7 edging knives.
7 manure forks.
7 light rammers.
6 oil cans.
6 long handle shovels (poor condition).
5 iron wedges.
5 medium rammers.
5 mallocks.
5 wheelbarrows.
5 gallons disinfectant.
5 gravel screens.
5 grub axes.
4 paving rammers.
4 pieces burlap.
4 crow bars.
4 axes.
4 digging spades.
4 wheelbarrows (poor condition).
4 iron rakes (poor condition).
3 1-2 bushels grass seed.
3 measuring rods.
3 scythes.
2 sets falls.
2 spading forks (poor condition).
2 sod cutters
2 spraying hand pumps.
2 cross cut saws.

2 hand saws.
2 hand screws.
2 pole saws.
2 claw hammers.
2 draft horses.
1 iron mall.
1 water pump.
1 wooden mall.
1 iron hand roller.
1 ash sifting machine.
1 set falls (poor condition).
1 carriage.
1 carriage horse.
1 set skids (poor condition).
1 set skids (good condition).
1 watering cart.
1 team.
1 tip cart.
1 Olds gasoline power engine.

THE YEAR'S EXPENDITURES.

The expenses of the Department for the year are shown in the following summary of the departmental accounts: —

PARK LOANS.

(Lands and Construction.)

Amount of unused balance of 1905 appropriation reappropriated December 16, 1905			$3,204 54
Amount appropriated August 1, 1906			25,000 00
			$28,204 54
EXPENDED.			
River Parkway, Section A.			
Pay-roll	$985 00		
Ashes	9 40		
		$994 40	
River Parkway, Section B.			
Pay-roll	$161 00		
Engineering	27 50		
		188 50	
River Parkway, Section C.			
Pay-roll	$2,092 09		
Teaming	471 28		
Loam	380 11		
Salary of General Superintendent	125 00		
Filling	122 04		
Engineering	71 50		
Stakes for engineers	35 75		
Lumber	29 85		
Hardware, tools, etc.	12 99		
Advertising for "Loam"	8 00		
		3,348 61	
River Parkway, Section D.			
Pay-roll	$752 91		
Ashes	442 67		
Teaming	50 63		
Coal	2 80		
		1,249 01	
River Parkway, Section F.			
Pay-roll		78 00	
Nursery.			
Pay-roll	$232 00		
Coal	5 60		
		237 60	
Amounts carried forward		$6,096 12	$28,204 54

Amounts brought forward		$6,096 12	$28,204 54
General Account.			
Salary of General Superintendent	$125 00		
Pay-roll	77 00		
Stove repairs and supplies	12 95		
Hardware, tools, etc.	9 05		
Horse shoeing	4 00		
		228 00	
Office Expenses.			
Pay-roll	$53 33		
Stationery	6 86		
Printing and stock	2 50		
Repairing stamps	1 50		
Postal cards	50		
Expressage	30		
		64 99	
Total			6,389 11
Balance unexpended			$21,815 43

PARK LOANS.

(Lands and Construction.)

East Cambridge Embankment.

Amount of unused balance of 1905 appropriation reappropriated December 16, 1905		$2,599 00
EXPENDED.		
Pay-roll	$1,633 00	
Engineering	329 00	
Loam	236 30	
Teaming	35 00	
Bicycle repairs	3 50	
Total		2,236 80
Balance unexpended		$362 20

Shelter at Rindge Field.

Amount appropriated April 11, 1906		$4,000 00
EXPENDED.		
Shelter building	$3,078 28	
Pay-roll	358 01	
Architect's services	158 41	
Painting walls	68 00	
Teaming	67 50	
Hardware	61 25	
Installing electric light fixtures	51 23	
Laying water pipes	40 30	
Amounts carried forward	$3,882 98	$4,000 00

Amounts brought forward	$3,882 98	$4,000 00
Sewer pipes and cement	24 77	
Advertising for "Shelter"	12 00	
Teaming sewer pipe	10 50	
Toilet paper fixtures	8 00	
Electric light bulbs	4 80	
Total		3,943 05
Balance unexpended		$56 95

Grading at Rindge Field.

Amount of unused balance of 1905 appropriation reappropriated December 16, 1905	$153 16
Amount appropriated September 20, 1906	2,000 00
	$2,153 16

EXPENDED.

Pay-roll	$1,579 07	
Gymnasium apparatus	325 00	
Teaming	202 50	
Shovels	19 00	
Stakes for engineers	16 25	
Engineering	11 00	
Total		2,152 82
Balance unexpended		$0 34

PARK MAINTENANCE.

Brown Tail Moth Extermination.

Amount appropriated April 11, 1906	$11,000 00
Amount appropriated May 6, 1906	3,000 00
	$14,000 00

EXPENDED.

Pay-roll	$11,980 89	
Spraying outfit and supplies	585 70	
Creosote	490 34	
Disparene	204 00	
Salary of General Superintendent	125 00	
Hay and grain	113 88	
New ladders and repairs	91 40	
Brushes	61 75	
Burlap and jute	61 43	
Hardware, tools, etc.	54 94	
Oak case for filing cards	50 00	
Care of injured employees	29 86	
Salary of Acting General Supt.	20 00	
Horse shoeing	19 75	
Printing and stock	18 00	
Hire of team	14 50	
Amounts carried forward	$13,921 44	$14,000 00

Amounts brought forward	$13,921 44	$14,000 00
Kerosene oil	11 05	
Repairs to wagon	10 69	
Field glasses	10 00	
Sponges	10 00	
Index cards and guides	7 90	
Gasoline	7 00	
Harness supplies	3 55	
Iron	2 00	
Burrs	1 90	
Expressage	1 80	
Bagging	1 48	
Poles for clipper handles	5 82	
Total		13,994 63
Balance unexpended		$5 37

Shade Trees.

Amount appropriated April 11, 1906	$5,000 00
Amount appropriated June 28, 1906	1,500 00
	$6,500 00

EXPENDED.

Pay-roll	$5,557 05	
Salary of General Superintendent	318 55	
Maple trees	100 00	
Rent of stable	90 00	
Loam	70 81	
Damage to store front	66 00	
Wire for tree guards	63 75	
Teaming	52 5	
Printing and stock	34 75	
Hardware, tools, etc.	34 37	
Tree poles	31 50	
Kerosene oil	18 85	
Galvanized wire	16 28	
Sharpening saws	15 50	
Damage to house	7 63	
Freight charges	3 81	
Hose to tie trees	3 75	
Horse shoeing	3 75	
Damage to fence	3 05	
Clipping horse	3 00	
Expressage	1 65	
Harness repairs and supplies	1 20	
Lime (extermination of elm beetle)	95	
Paint	85	
Total		6,499 55
Balance unexpended		$0 45

Commons, Squares and Public Grounds.

Amount appropriated April 11, 1906		$5,000 00
Amount appropriated June 1, 1906		1,000 00
Amount transferred from Sections A, B, D, F and Rindge Field October 17, 1906		250 00
		$6,250 00
EXPENDED.		
Pay-roll	$4,744 53	
Lighting	343 50	
Rent of stable	225 00	
Salary of General Superintendent .	125 00	
Salary of Acting General Supt. .	120 00	
Plants for beds	105 00	
Hay and grain	121 21	
Teaming	73 50	
Lumber (skating rink) . . .	72 60	
Lawn mowers	52 50	
Loam (skating rink) . . .	45 50	
Grass seed	35 00	
Installing meter box at Cambridge Common	29 37	
Hardware, tools, etc. . . .	27 62	
Harness repairs and supplies . .	25 80	
Housing topmasts, etc. . . .	21 00	
Metered water used to flood Common	19 50	
Axles for cannon at Common .	18 75	
Flag for Common	13 69	
Printing and stock . . .	8 00	
Making fence dogs and sharpening tools	7 72	
Decorating "Washington Elm" .	5 00	
Barbed wire for fences . . .	4 06	
Loam	4 00	
Lime	1 00	
Wrench for hydrant . . .	1 00	
Expressage	15	
Total		6,250 00

Cambridge Field and Shelter.

Amount appropriated April 11, 1906		$6,000 00
Amount transferred from Shelter, Rindge Field, Maintenance, November 23, 1906		190 00
		$6,190 00
EXPENDED.		
Pay-roll	$4,618 00	
Lighting	766 86	
Coal	189 45	
Amounts carried forward . . .	$5,574 31	$6,190 00

Amounts brought forward	$5,574 31		$6,190 00
Laundering towels	154 39		
Plumbing	108 75		
Installing additional shower baths	100 00		
Plans and specifications for shower baths, 1903	50 00		
Loam	43 22		
Soap for baths	38 50		
Installing meter box	29 55		
Toilet paper and expressage	18 50		
Dust pans and brushes	16 35		
Glazied glass for windows	11 75		
Water pipe repairs	10 53		
Repairs to shower baths	9 60		
Lumber	8 43		
Filling	6 55		
Printing and stock	3 50		
Miscellaneous supplies	2 19		
Metered water used to flood field	1 28		
Wrench for hydrant	1 00		
Dippers and chains	90		
Expressage	65		
Total			6,189 95
Balance unexpended			$0 05
Sections A, B, D, F and Rindge Field.			
Amount appropriated April 11, 1906			$3,000 00
Amount appropriated June 28, 1906			2,000 00
			$5,000 00
Amount transferred to Commons, Squares and Public Grounds, October 17, 1906			250 00
			$4,750 00
EXPENDED.			
Section A.			
Lighting	$208 62		
Watering Parkway	85 00		
Repairs to water pipes	7 36		
		$300 98	
Section B.			
Pay-roll	$936 50		
Lighting	774 78		
Watering Parkway	85 00		
Repairs to float at Harvard Bridge	6 38		
Hardware	95		
		1,803 61	
Section D.			
Lighting	$606 62		
Pay-roll	480 50		
Amounts carried forward	$1,087 12	$2,104 59	$4,750 00

Amounts brought forward	$1,087 12	$2,104 59	$4,750 00
Watering Parkway	85 00		
Repairs to water pipes	12 51		
Paint	4 68		
Lumber	2 85		
		1,192 16	
Section F.			
Pay-roll	$336 00		
Lighting	268 20		
Watering Parkway	24 67		
		628 87	
Rindge Field.			
Pay-roll	$542 50		
Lighting	241 08		
Installing meter box	32 05		
Metered water used to flood field	4 80		
Wrench for hydrant	1 00		
		821 43	
Total			4,747 05
Balance unexpended			$2 95
Sections G and H.			
Amount appropriated April 11, 1906			$2,500 00
EXPENDED.			
Pay-roll	$1,541 57		
Lighting	797 50		
Salary of General Superintendent	125 00		
Car tickets	25 00		
Repairs to water pipes	10 59		
Total			2,499 66
Balance unexpended			$0 34
Bath House.			
Amount appropriated April 11, 1906			$2,300 00
EXPENDED.			
Pay-roll	$1,558 68		
Bathing suits	326 25		
Laundering suits, towels and stockings	193 06		
Manila rope for life line	39 06		
Printing and stock	36 75		
Tags for suits	24 38		
Hardware, tools, etc.	16 78		
Painting signs	15 50		
Miscellaneous supplies	14 66		
Rubber rings for suits	14 00		
Amounts carried forward	$2,239 12		$2,300 00

Amounts brought forward	$2,239 12	$2,300 00
Supplies (buttons, pins, etc.)	12 30	
Telephone service	11 74	
Disinfectant	11 25	
Lumber	10 45	
Plumbing	3 81	
Medicinal supplies	3 40	
Brass checks	2 88	
Tubs	2 40	
Bunting (repairing flag)	1 50	
Kerosene oil	65	
Expressage	40	
Total		2,299 90
Balance unexpended		$0 10

General Account.

Amount appropriated April 11, 1906	$600 00
Amount appropriated June 28, 1906	1,500 00
	$2,100 00

EXPENDED.

Pay-roll	$347 38	
Salary of General Superintendent	250 00	
Horse	230 00	
Rent of stable	180 00	
Printing and binding report of 1905	167 78	
Salary of Acting Gen. Supt.	100 00	
Telephone service	94 04	
Hay and grain	89 74	
Exchange of typewriter	59 50	
Watering cart repairs and supplies	53 06	
Repairs to Supt.'s carriage	50 85	
Horse shoeing	48 36	
Printing and stock	37 50	
Cutting and securing windows at Weld Boat House	35 00	
Index cards and pamphlet boxes	30 66	
Postage stamps and cards	26 35	
Car tickets	25 00	
Entertaining Committee on Parks	24 00	
Stamped envelopes	22 50	
Hire of wagon	19 25	
Filing cases	19 09	
Stationery	18 84	
Stakes for engineers	17 50	
Coal	16 80	
Office chair	15 00	
Amounts carried forward	$1,978 20	$2,100 00

Amounts brought forward	$1,978 20	$2,100 00
Miscellaneous supplies	13 58	
Pay-roll book	13 75	
Harness repairs and supplies	12 25	
Hardware, tools, etc.	12 09	
Water rates (stable)	11 50	
Lighting stable	11 35	
Carriage hire	8 00	
Bicycle repairs	7 25	
Lumber (for back-stop)	6 20	
Use of rope	4 80	
Cambridge Directory, 1905	4 00	
Expressage	3 80	
Stamps and pads	3 79	
Time books	3 50	
Mat for Supt.'s carriage	2 40	
Subscription to "Municipal Journal"	2 00	
Keys for office	1 20	
Photographic supplies	30	
Total		2,099 96
Balance unexpended		$0 04

Gymnasium at Rindge Field.

Amount appropriated April 11, 1906		$500 00

EXPENDED.

Gymnasium apparatus	$500 00	
Total		$500 00

Shelter at Rindge Field.

Amount appropriated September 20, 1906		$300 00
Amount transferred to the Shelter, Cambridge Field, November 23, 1906		190 00
		$110 00

EXPENDED.

Pay-roll	$92 25	
Miscellaneous supplies	7 91	
Toilet paper	6 00	
Soap	3 50	
Total		109 66
Balance unexpended		$0 34

Schoolhouse Grounds.

Amount appropriated April 12, 1906		$200 00

EXPENDED.

Installing sand boxes in 9 yards .	$168 75	
Pay-roll	16 68	
Teaming	12 50	
Extra load sand	2 00	
Total		$199 93
Balance unexpended . .		$0 07

Respectfully submitted,

JOHN F. DONNELLY,
General Superintendent of Parks.

REPORT OF THE TRUSTEES OF THE SANDERS TEMPERANCE FUND

This Board herewith submits its forty-first annual report.

The prescribed work of the missionary of this Fund has been faithfully carried on during the past year, and the present Trustees have regularly approved the payment of the authorized salary. This consists of the interest upon the sum of $10,000.00, due to the Fund from the City of Cambridge. This amount was put into the City Treasury in the year 1864, and since that time the City has paid as salary to the missionary for the time being a sum equal to the interest thereon at six per cent.

For more than forty years the City has sought to fulfil the benevolent wishes of the donor of this bequest and has provided efficient missionaries, deeply interested in their work, who have zealously labored for the promotion of temperance reform. The philanthropic donor may be unknown to this generation of the people of Cambridge, but his good influence has been felt among us, and has wrought incalculable good.

The present missionary, Mr. James Hicks, has been for several years in the service of the temperance cause. He has a deep interest in his work, and labors unceasingly in its behalf. He has occasion to visit many families during the year, and is also in daily attendance at the District Court where his presence is helpful, through his good council, and watchful care of the victims of intemperance. All these he endeavors to lead out of the way of temptation. His own report is hereto appended.

CHARLES H. THURSTON,
CHARLES H. LAKE,
GEORGE A. GILES.
Trustees of the Sanders Temperance Fund.

To the Trustees of the Sanders Temperance Fund: —

Gentlemen: — In accordance with your requirements, I hereby present my annual report for the year ending December 31, 1906.

In a short report like what I present yearly I can only give a brief summary of work done through various channels, which I will hereafter name. I commence my day's work by attending the session of the District Court. I converse with the unfortunates brought into Court for drunkenness, get their residences, and if strangers to me inquire into their home life, and habits. They give many excuses for yielding to the temptation that brings them before the Court. Many, I find, have large families neglected. These I visit, and many are the pitiable tales I have to listen to from the poor discouraged mother, who tries hard through her daily toil to earn the bread her children so much need. Cases of this kind I bring to the attention of the Court, recommending that a continuance be granted for one month on the following conditions: — First, that the man abstains entirely from the use of strong drink. Second, that he finds employment, and turns over his earnings to his wife for the support of his family. Third, that he reports to me at least twice each week at the temperance meetings, which are carried on by men like himself once, who have reformed from the use of strong drink, and Fourth, that he comes into Court at the end of his continuance by the Court. This agreement I get signed, and give a copy to the individual. I assist in such cases in finding employment for these men, and here I cannot express my gratitude to the large factories, and others who come to my assistance and the "willing to work" man. I am always able to help through the kind-hearted employers, who are more than willing to help the man who is willing to help himself. The probation officers, as well as myself, do a great deal of this kind of work.

At the end of these probationary periods, I find the greater portion of the men worked with have lived up to the agreement entered into with the Court, and none is more glad to receive a good report than our kind-hearted Judge. I have made visits to the homes of drinking men, also the homes of the poor and needy during the year to the number of 2,006. Many of which, I trust through the blessing of God, I have been the means of bringing into the same sunshine and happiness to say the least. I have many testimonies on that line. I have attended during the year over two hundred public temperance meetings in the City, where the pledge of total abstinence is always offered, and over one thousand persons have taken the same. These meetings are officered and carried on by reformed men, and I am happy in saying that in no time during my twenty-three years close connection with the Temperance Reform in our beloved City has more prosperity appeared, or more good results followed than at present.

As has been my custom in past years, I continue my interest in doing what I can to assist in an advisory way, the inmates of the House of Correction, and after their release assist worthy men to employment. I have collected literature and distributed the same to those desiring to read it. I have attended the chapel service on Sunday mornings at 9 o'clock, and done what I could to assist the worthy chaplain in the discharge of his duties.

It has been very pleasing to me to receive many encouraging letters from discharged prisoners who have learned the lesson of their life in the institution, and gone forth into the world determined by God's help and blessing to live sober, honest, lives. Through the kindness of the charitably disposed, I have been enabled to clothe many needy ones. I am deeply indebted to the editors of the Tribune and Chronicle for making my appeal for cast-off clothing known to the public every winter.

I have also visited the City Hospital and other institutions. I have made many addresses at City churches on the subject of temperance, where I have always been well received.

I have also spoken on the subject of no license and my experience in reform work in Cambridge and many cities and towns close by, and I trust interested the people in these places, as I related our Cambridge experience, not only in no license, but in the interesting temperance reform work that goes on in our midst almost every evening in the week. In conclusion, I rejoice with all my fellow citizens at our continued large vote for no license. The absence of the saloon makes it easy for our reformed men to keep their pledge. The temptation is out of their way, and their homes are protected from the hand of the destroyer. The great desire of the philanthropic donor of the Fund, which makes it possible for work like what I have described to be done was to save old drunkards, and to prevent the young, so far as possible, from becoming drunkards. This, I have attended to so far as possible, and thank my Heavenly Father for the signal success, which has followed my public efforts.

Respectfully yours,

JAMES HICKS,
Missionary Sanders Temperance Fund.

REPORT OF THE CITY MESSENGER

Office of City Messenger,
Cambridge, Mass., December 1, 1906.

To the Honorable, the City Council: —

Gentlemen: — In compliance with the provisions of Section 3, of Chapter 8, of the "Revised Ordinances of 1892," the City Messenger has the honor to submit his annual report for the year ending November 30, 1906, as follows: —

Stock of stationery on hand December 1, 1905	$607 75
Purchased during the year	1,699 96
	$2,307 71

Delivered to the several departments as follows: —

Assessors' Department	$82 44
Auditing Department	21 92
Board of Health	46 68
Board of Survey	5 40
Cemetery Department	41 58
City Clerk Department	144 36
City Messenger Department	153 16
Clerk of Committees	115 02
City Council Expenses (City Clerk)	36 20
Election Expenses (City Clerk)	234 98
Electrical Department (Wires)	33 86
Electrical Department (Lamps)	7 21
Executive Department	94 34
Fire Department	16 56
Engineering Department	27 37
Inspector of Milk and Vinegar	11 61
Law Department	39 44
Overseers of the Poor	68 00
Park Department	51 40
Police Department	35 70
Public Library	10 00
Sealer of Weights and Measures	4 52
Sewer Department	19 00
Soldiers' Aid Department	23 25
Street Department	106 09
Superintendent of Buildings Department	20 76
Registrars of Voters	22 96
Treasury Department	40 54
Water Department	100 21
Profit and Loss	28 81
Stock on hand December 1, 1906	664 34
	$2,307 71

During the year annual documents have been received from the following cities and towns and are on file in the reference library: —

Arlington, 1905.
Bangor, 1906.
Belmont, 1905.
Beverly, 1905.
Brockton, 1905.
Burlington, Vt., 1905.
Chicopee, 1905.
Chelsea, 1905.
Concord, 1906.
Concord, N. H., 1905.
Everett, 1905.
Fall River, 1905.
Fitchburg, 1905.
Gloucester, 1905.
Grand Rapids, 1904.
  City Charter, 1905.
Haverhill, 1905.
Holyoke, 1905.
Houston, Texas, 1906.
  Charter and Ordinances, 1905.
Lawrence, 1905.
Lowell, 1905.
Los Angeles, 1905.
Lynn, 1905
Manchester, N. H., 1905.
Marlboro, 1905.
Malden, 1905.
Man. Mass. Gen. Court, 1906.
Medford, 1905.
Melrose, 1905.
Nashua, N. H., 1905.
New Bedford, 1906.
Newburyport, 1905.
Newton, 1905.
Newport, R. I., 1905.
North Adams, 1905.
Northampton, 1905
Portland, Oregon, Ordinances, 1905.
Pittsfield, 1906.
Providence, R. I., 1905.
Salem, 1905.
Somerville, 1905.
Springfield, 1906.
Taunton, 1905.
United States Bureau of the Census; Abstract of the 12th. Census and Bulletins No. 1 to No. 57.
Waltham, 1905.
Watertown, 1906.
Winchester, 1905.
Woburn, 1905.
Worcester, 1906.

Respectfully submitted,

FRANK T. EVANS,
City Messenger.

REPORT OF THE AGENT OF SOLDIERS' AID

Cambridge, December 18, 1906.

To the Honorable, the City Council, of the City of Cambridge: —

Gentlemen: — I respectfully submit my third annual report of the Department of Soldiers' Aid for the year ending November 30, 1906.

As the years roll on, the disabilities of the veterans are more apparent, and their ability to take care of themselves decreases, thereby calling for a gradual increase, yearly, in the appropriation made for this Department. While in the disbursement of aid, a great deal of discretion is necessary, under the present conditions, it is impossible to give each applicant a proper examination.

The disbursement of over $25,000 yearly, means a great deal to the City, and in order that the money should be rightfully disbursed, the person having the management of the same should give his whole time to the work.

The following is the financial statement of the appropriation and disbursements during the year: —

Number of beneficiaries, November 30, 1905	463	
Applications considered during the year	120	
		583
Loss by death	30	
Left the City or dropped from rolls	95	
		125
Balance on rolls		458

Appropriation	$27,000 00
Additional, November 21, 1906	300 00
Total appropriation	$27,300 00

EXPENDED.

Pay-rolls	State Aid	$14,108 50	
	Military Aid	445 00	
	Soldiers' Relief	10,516 00	
	Clerks' salary	500 00	
Deaths		595 00	
Sundry bills		1,113 89	
Total disbursements			$27,278 39
Relinquished to Treasury			$21 61

To the Committee on Soldiers' Aid I extend my sincere thanks for the deep interest manifested by them in caring for the old soldier and the widows and orphans of those who died, that the Nation might live.

Respectfully,

EBEN W. PIKE,

Agent.

ANNUAL REPORT OF THE CITY AUDITOR

CITY AUDITOR'S OFFICE,
CAMBRIDGE, December 1, 1906.

To the Honorable, the City Council:—

The undersigned herewith presents the annual statement of the receipts and disbursements of the City of Cambridge for the fiscal year beginning on the first day of December, 1905, and ending on the thirtieth day of November, 1906.

The first part of this report is devoted to an exhibit of the receipts and disbursements of the City arranged upon the Schedules for Uniform Municipal Accounting recommended by the National Municipal League. Following these schedules are the usual matters presented in the City Auditor's report, including a schedule of the City property.

Respectfully submitted,

HARRY T. UPHAM,
City Auditor.

REPORT OF CITY AUDITOR

For Year Ending November 30, 1906.

SCHEDULE A-I.

Receipts and Disbursements of the Fiscal Year.

CONSOLIDATED STATEMENT.

Cash Balance at beginning of the year		$166,708 92
Actual Receipts* during the year	$3,484,844 30	
Actual Disbursements* during the year	3,488,463 02	
Excess of Disbursements		3,618 72
Cash Balance at end of the year		$163,090 20

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*Omitting duplications, which are set up separately in Schedules A-II. and A-VI.

SCHEDULE A–II.

General Exhibit of Receipts and Expenditures of the Fiscal Year.

Separated under the four heads, "Ordinary," "Extraordinary," "Trust Funds," and "Temporary Accounts."

	Receipts.	Expenditures.
Ordinary. (Operation and maintenance)........... (For details see Schedule A–III.)	$2,651,607 11	$2,651,378 72
Extraordinary. (Construction, &c.).............. (For details see Schedule A–III.)	833,237 19	837,084 30
Total Actual Cash Transactions of the Year. (Omitting duplications)........................ (Per Schedule A–I.)	$3,484,844 30	$3,488,463 02
Trust Funds.................................... (For details see Schedule A–V.)	5,715 60	5,715 60
Temporary Accounts. (Duplications).............. (For details see Schedule A–VI.)	456,000 00	456,000 00
Total transactions, per City Auditor's books.....	$3,946,559 90	$3,950,178 62

Ordinary has relation only to the current revenues and "running expenses" (operation and maintenance), and does not include receipts or payments on account of loans, nor on account of permanent construction or other capital accounts.

Extraordinary has no relation to current revenue or running expenses, but does include receipts and payments on account of loans, and for permanent construction and other capital accounts.

Trust Funds include all receipts and payments of the City when acting as trustee or as agent for funds, trusts, special deposits, etc., which cannot be used except for particular and specified purposes

Temporary Accounts include all receipts and payments of the City which are simply journal items, duplications, or items paid in, temporarily held and paid out again, and must give the same figures for both receipts and expenditures.

ACTUAL FINANCIAL RESULT OF THE OPERATION AND MAINTENANCE OF THE CITY FOR THE YEAR.

Ordinary Receipts, as above, from taxation and other sources, not including money borrowed....................................	$2,651,607 11
Ordinary Expenditures, as above, for operation and maintenance (running expenses)..	2,651,378 72
Excess of Ordinary Receipts for the year.........................	$228 39

(Excess of Extraordinary Expenditures, $3,847 11.)

SCHEDULE A–III.

EXHIBIT OF RECEIPTS AND EXPENDITURES FOR THE YEAR, ORDINARY AND EXTRAORDINARY, GROUPED ACCORDING TO FUNCTIONS.

ORDINARY.*

	Receipts.	Expenditures.
General Administration	$9,250 27	$108,296 10
Public Safety (Protection of Life, Health and Property)	14,985 84	336,264 30
Public Charity	24,083 02	75,814 98
Public Highways and Sanitation	14,586 18	476,517 30
Municipal Enterprises	378,338 48	98,058 13
Public Education, Libraries, etc	7,552 35	531,165 49
Public Recreation	5,481 11	96,053 52
Public Indebtedness. (Transactions during the year)		305,652 82
Public Interest	18,277 72	383,597 10
Public Taxation	2,237,430 00	318,651 00
Special Assessments. (Street Betterments, etc.)	20,314 16	
Unclassified		
Total of Ordinary (per Schedule A–II.)	$2,730,299 13	$2,730,070 74
Less Transfers, Rebates and Refunds	78,692 02	78,692 02
	$2,651,607 11	$2,651,378 72

EXTRAORDINARY.*

	Receipts.	Expenditures.
General Administration		
Public Safety (Protection of Life, Health and Property)		$10,816 50
Public Charity		
Public Highways and Sanitation		484,137 69
Municipal Enterprises	$13,651 74	318,460 76
Public Education, Libraries, etc		8,947 57
Public Recreation		14,721 78
Public Indebtedness. (Transactions during the year)	797,756 70	
Public Interest		
Public Taxation		
Special Assessments. (Street Betterments, etc.)	21,828 75	
Unclassified		
Total of Extraordinary (per Schedule A–II.)	$833,237 19	$837,084 30

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* For Details see Schedule A–IV.

SCHEDULE A–IV.

Exhibit of Receipts, Appropriations and Expenditures, Divided into Ordinary and Extraordinary, and Arranged by Departments and Divisions, which are Grouped According to their Functions as in the Preceding Schedule.

1. GENERAL ADMINISTRATION.

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
1.1 Mayor's Department.........	....	....	$6,100 00	$6,084 74	....
1.2 Councils:					
City Messenger's Department..	....	....	2,161 00	2,160 89	....
Clerk of Committees............	....	....	3,950 00	3,784 19	....
City Council Expenses..........	$114 65	....	6,114 65	6,041 29	....
City Clerk's Department... ...	1,295 60	....	8,700 00	8,699 63	....
	$1,410 25			$20,686 00	
1.3 Law Department...............	1,000 00	....	4,860 00	4,857 31	....
1.4 Finance:					
Auditing Department.	....	....	4,304 00	4,300 00	....
Assessors' Department.........	....	....	15,200 00	15,150 96	....
Treasurer's (and Collector)....	3,647 70	....	16,700 00	16,699 01	....
Sinking Fund Officials..........	....	....	365 00	341 00	....
				$36,490 97	
1.5 Elections:					
Election Expenses, City Clerk..	....	....	10,200 00	10,199 60	....
" Registrars of Voters	....	....	4,600 00	4,599 38	....
" Sup't B'ld'gs	....	....	4,100 00	4,099 59	....
				$18,898 57	
1.6 City Hall:					
City Building Account..........	1,409 25	....	19,583 50	19,578 55	....
1.7 Miscellaneous:					
Postage and Stat'ry, Messenger	1,668 79	....	1,700 00	1,699 96	....
Anonymous Gift	70 00	....	....	... .	....
Costs in Suit.....................	44 28	....	....	....	....
Total General Administration...	$9,250 27			$108,296 10	

SCHEDULE A–IV.—*Continued.*

2. PUBLIC SAFETY. (Protection of Life, Health and Property.)

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
2.1 Police Department	$885 93				
Salaries and General Expenses			$157,000 00	$156,330 06	
Alterations at Station 4			7,000 00		$7,000 00
Detention Room, Brattle Square			1,316 50		1,316 50
					$8,316 50
2.2 Fire Department	90				
Salaries and General Expenses			115,500 00	115,456 32	
2.2a Fire and Police Telegraph:					
Electrical Department — Wire Account	139 58		13,250 00	13,222 24	
2.3 Courts:					
Fines — Police Department	3,505 30				
2.4 Health Department:					
Salaries and General Expenses			20,630 00	20,560 98	
Small-pox Hospital			2,800 00	290 79	2,500 00
Diphtheria Hospital			8,700 00	8,592 73	
Land for Hospital			6,240 00		
Commonwealth of Mass., etc.	1,093 54				
Inspector of Milk and Vinegar			2,000 00	1,999 70	
Modified Milk	535 16		1,535 16	1,338 37	
Inspector of Animals			800 00	799 19	
Purchase of Horses	6,440 00		6,440 00	6,440 00	
				$40,021 76	
2.5 Inspectors:					
Superintendent of Buildings			7,000 00	6,995 86	
Plumbers' Examiners Dept			150 00	148 68	
Sealer of Weights and Measures	752 10		2,748 00	2,747 43	
				$9,891 97	
2.6 Militia and Armories:					
Rifle Range			700 00	$692 07	
Car Tickets to and from Rifle Range			650 00	649 88	
Commonwealth of Mass	1,633 33				
				$1,341 95	
2.7 Miscellaneous:					
Total Public Safety. (Protection Life, Health and Property)	$14,985 84			$336,264 30	$10,816 50

SCHEDULE A–IV. — *Continued.*

3. PUBLIC CHARITY.

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
3.1 Hospitals:	$544 91	....	$1,600 00	$1,599 90	....
3.2 Insane:					
3.3 Houses for Children, Aged, Deaf, Dumb, Blind, etc.:					
3.4 Almshouses:					
City Farm......	5,209 65	....	4,975 00	4,974 85	....
City Home	870 79	....	19,740 00	19,738 88	....
				$24,713 73	
3.5 Out-Door Relief	1,503 67				
Salaries	....	....	2,750 00	2,742 50	....
General Expenses.............	....	....	18,000 00	17,980 46	....
City Physician..................	....	....	1,500 00	1,500 00	....
				$22,222 96	
3.6 Lodging Houses:					
3.7 Prisons and Reformatories:					
3.8 Workhouses:					
3.9 Miscellaneous:					
State Aid — Soldiers' Relief....	15,954 00	....	27,300 00	27,278 39	....
Total Public Charity...............	$24,083 02			$75,814 98	

SCHEDULE A–IV. — *Continued.*

4. PUBLIC HIGHWAYS AND SANITATION.

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
4.1 Administration:					
Engineering Department			$9,900 00	$9,595 31	
Salaries — Superintendent of Streets and Clerks			6,200 00	6,170 00	
				$15,765 31	
4.2 Opening, Grading and Widening Streets:					
Grade Crossings			50 00	50 00	
Land Damages			10,339 36		$5,049 10
Street Construction			103,502 61		96,577 12
Board of Survey			175 00	171 57	
				$221 57	$101,626 22
4.3 Street Paving:					
Rebuilding Streets			43,014 64	39,292 45	
Maintenance	$1,168 88		69,200 00	69,196 97	
Subway at Raymond Street			6,445 47		6,445 47
Crossings			4,600 00	4,537 77	
				$113,027 19	6,445 47
4.4 Sidewalks:					
Paving — Edgestones and Sidewalks	329 03		30,000 00		29,997 49
Paving — Sidewalk Repairs			5,000 00	4,998 01	
4.5 Street Lighting:					
Electrical Department — Street Lighting			79,500 00	79,426 11	
4.6 Street Cleaning:					
Street Cleaning Division.			34,000 00	33,961 86	
4.7 Snow Removal			6,000 00	5,987 62	
4.8 Street Sprinkling:					
Street Watering	2,184 11		28,600 00	28,558 14	
4.9 Refuse Collection and Disposal:					
Overseers of Poor—House Offal	10,494 70		33,200 00	33,200 00	
Collection of Ashes.			33,700 00	33,686 46	
				$66,886 46	

SCHEDULE A–IV. — *Continued.*

4. PUBLIC HIGHWAYS AND SANITATION — Concluded.

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
4.10 Sewers and Sewage Disposal:					
Sewer Department — Construction	....	....	$15,000 00	....	$14,866 56
Sewer Department — Improved Sewerage	....	....	5,815 42	....	5,815 38
Sewer Department — Maintenance	$295 54	....	20,000 00	$18,602 65	....
Sewer Department — Separate System of Drainage	....	....	57,253 42	....	50,744 10
Metropolitan Sewer Tax	....	....	....	84,895 57	....
				$103,498 22	$71,426 04
4.11 Rivers, Harbors and Waterways:					
4.12 Bridges:					
Boston Bridges	43 00	....	17,100 00	17,079 80	....
Cambridge Bridge	70 92	....	257,299 42	....	253,126 36
Bridges — Street Department	....	....	4,325 00	4,319 32	....
Brookline Bridge Approach	....	....	25,000 00	....	21,516 11
				$21,399 12	$274,642 47
4.13 Miscellaneous:					
Damage to persons and personal property	....	....	2,900 00	2,438 17	....
Civil Service Department	....	....	350 00	349 52	....
				$2,787 69	
Total Public Highways and Sanitation	$14,586 18	....	....	$476,517 30	$484,137 69

SCHEDULE A–IV.—*Continued.*

5. MUNICIPAL ENTERPRISES.

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
5.1 Water Works:					
Construction		$3,627 24	$347,732 53		$318,460 76
Maintenance			74,430 00	$73,583 31	
Rates	$359,864 24				
Miscellaneous	6,576 37				
Refunds and Abatements			5,700 00	4,710 37	
	$366,440 61	$3,627 24		$78,293 68	$318,460 76
5.2 Cemeteries:					
Salaries and General Expenses			20,000 00	19,764 45	
Burials, etc.	9,855 42				
Sale of Lots, etc.		9,709 00			
5.3 Electric Light and Power Plants:					
5.4 Municipal Heating Plants:					
5.5 Municipal Street Railways:					
5.6 Transit Subways:					
5.7 Subways for Pipes and Wires:					
5.8 Markets:					
5.9 Docks and Wharves:					
5.10 City Real Estate:					
Rents	2,042 45				
Sales		315 50			
5.11 Stocks, Bonds and Investments:					
5.12 Other Investments:					
5.13 Miscellaneous:					
Total Municipal Enterprises	$378,338 48	$13,651 74		$98,058 13	$318,460 76

SCHEDULE A–IV. — *Continued.*

6. PUBLIC EDUCATION, LIBRARIES, ETC.

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
6.1 Schools:					
Tuition, etc	$6,136 00				
Salaries: Janitors and others			$40,600 00	$40,497 75	
General Expenses	25 00		50,000 00	49,999 95	
Addition to Roberts Schoolhouse			92 51		$72 38
Addition to Wellington Schoolhouse			48,000 00		8,229 29
Alterations and Equipment of Rindge Manual Training Schoolhouse			448 99		448 40
New Schoolhouse "Kelley"			105 68		
New Schoolhouse "Houghton"			3,962 99		197 50
Care of Truants			1,693 18	1,693 18	
Flags			44 85	44 85	
Incidentals			1,516 54	1,516 54	
Salaries, Teachers and Officers	9 50		389,060 53	389,048 52	
Text Books and Supplies	687 81		19,885 63	19,885 63	
Transportation			348 00	348 00	
Vacation Schools			1,801 27	1,801 27	
	$6,858 31			$504,835 69	$8,947 57
6.2 Libraries:					
Main Library			21,715 00	21,713 90	
East Cambridge Branch			1,892 00	1,890 45	
Fines	694 04				
North Cambridge Branch			2,885 00	2,725 45	
				$26,329 80	
6.3 Other Education:					
6.4 Miscellaneous:					
Total Public Education, Libraries, etc.	$7,552 35			$531,165 49	$8,947 57

SCHEDULE A–IV.—*Continued.*

7. PUBLIC RECREATION.

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
7.1 Museums and Art Galleries:					
7.2 Parks:					
Metropolitan Park Tax	....	....	....	$47,502 47	....
Construction Account	$1,437 60	....	$36,956 70	....	$14,721 78
Commons, Squares and Public Grounds	....	....	6,250 00	6,250 00	....
Cambridge Field and Shelter	280 71	....	6,190 00	6,189 95	....
General Account	70 80	....	2,100 00	2,099 96	....
Sections A, B, D, F and Rindge Field	....	....	4,750 00	4,747 05	....
Brown Tail Moth Extermination	2,210 70	....	14,000 00	13,994 63	....
Sections G and H	....	....	2,500 00	2,499 66	....
Shade Trees	....	....	6,500 00	6,499 55	....
Shelter at Rindge Field	....	....	110 00	109 66	....
Gymnasium at Rindge Field	....	....	500 00	500 00	....
School House Grounds	....	....	200 00	199 93	....
				$90,592 86	$14,721 78
7.3 Baths:					
Park Department, Maintenance	1,481 30	....	2,300 00	2,299 90	....
7.4 Celebrations:					
Independence Day	....	....	1,661 00	1,660 79	....
Labor Day	....	....	400 00	399 97	....
Memorial Day	....	....	1,100 00	1,100 00	....
				$3,160 76	
7.5 Miscellaneous:					
Total Public Recreation	$5,481 11			$96,053 52	$14,721 78

SCHEDULE A–IV.—*Continued.*

8. PUBLIC INDEBTEDNESS. (Transactions During the Year.)

	Receipts.		Appropriations.	Expenditures;	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
8.1 Receipts from Loans, not including temporary tax Loans:					
Cambridge Bridge		$150,000 00			
Parks		25,000 00			
Schoolhouse		47,000 00			
Sewer		60,000 00			
Street		122,000 00			
Water		280,000 00			
Brookline Bridge		25,000 00			
Commercial Avenue Bridge		50,000 00			
8.2 Payments to Sinking Funds:					
Park			$24,120 00	$24,120 00	
Cambridge Bridge			17,333 33	17,333 33	
Cambridge Bridge Special			616 00	616 00	
Clay Lands			5,335 00	5,335 00	
General			98,962 00	98,962 00	
Harvard Bridge			8,800 00	8,800 00	
Improved Sewerage			8,778 00	8,778 00	
Separate System			1,100 00	1,100 00	
Water			126,871 49	126,871 49	
Hospital			225 00	225 00	
Metropolitan Park Assessment			1,012 00	1,012 00	
				$293,152 82	
8.3 Direct Payment of Matured Debt:					
(Not from sinking funds, but from tax levy direct)			12,500 00	12,500 00	
8.4 Floating Debt Transactions:					
8.5 Miscellaneous:					
Premium Account		19,829 00			
Premium Account, Water Loan		18,927 70			
Total transactions concerning Public Debt		$797,756 70		$305,652 82	

SCHEDULE A–iv. — *Continued.*

9. PUBLIC INTEREST.

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
9.1 Interest upon Funds on Deposit;					
Interest on Bank Deposits	$4,824 19	....	....	....	....
9.2 Interest upon Delinquent Taxes, etc.:					
Interest on Sewer Assessments.	46 76	....	....	....	... .
Interest on Sidewalk Assess'ts.	64 48	....	... .	....	....
Interest on Overdue Taxes	10,225 93	....	....	....	....
Interest on Betterments........	....	....	....	....	....
9.3 Payment of Interest upon Debt:					
Upon Funded Debt	1,531 56	....	$173,562 25	$173,562 25	....
Upon Temporary Tax Loans...	....	....	9,314 60	9,314 60	....
Upon Park Loans	55 56	....	55,440 00	55,392 50	....
Upon Water Loans	1,529 24	....	144,235 74	143,827 75	....
9.4 Miscellaneous Interest:					
Interest on Trust Funds........	....	....	1,500 00	1,500 00	....
Total interest	$18,277 72			$383,597 10	

SCHEDULE A–IV.—*Continued.*

10. TAXATION.

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extra-ordinary.		Ordinary.	Extra-ordinary.
10.1 Real Property Taxes:					
Taxes, 1906	$1,565,532 66				
Other Years	403,888 34				
Abatements, etc.				$53,104 79	
Refund of Excess Taxes				8,366 94	
Invalid Tax Titles				57 06	
	$1,969,421 00			$61,528 79	
10.2 Personal Property Taxes:					
(Taxes on Personal Property included in 10.1.)					
10.3 Poll Taxes:					
(Included in 10.1)					
10.4 Other Taxes (except Franchise taxes):					
Corporation Tax	93,181 93				
Bank Tax	19,057 12			4,351 35	
Excise Tax, Refunds				278 43	
	$112,239 05			$4,629 78	
10.5 Liquor Licenses	55 00			13 75	
10.6 Other Licenses:					
Auctioneers'	34 00				
Fireworks	82 00				
Intelligence Offices	48 00				
Junk Collectors	1,042 00				
Marriage	641 00				
Milk	155 50				
Minors'	168 10				
Dogs	5,345 66				
Plumbers'	37 00				
Hawkers'	500 00				
Pool, Billiard and Bowling Alley	90 00				
Pedlers'	93 50				
Itinerant Vendor	20 00				
Wagon, Carriage and Drivers	257 00				
Small Loan	20 00				
	$8,533 76				
10.7 Franchise Taxes (Ordinary):					
Street Railway Tax	143,074 99				
10.8 Franchise Rights (Extra-ordinary):					
10.9 Miscellaneous:					
Lien Account Tax	4,106 20			3,995 10	
State Tax				113,085 00	
County Tax				112 483 29	
Armory Tax				10,378 35	
Grade Crossing Tax				12,536 94	
				$252,478 68	
Total Taxation	$2,237,430 00			$318,651 00	

SCHEDULE A–IV. — *Continued.*

11. SPECIAL ASSESSMENTS.

	Receipts.		Appropriations.	Expenditures.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
11.1 Assessments for Laying Out, Opening and Widening Streets:					
Betterments — Streets...	....	$2,054 13	....	....	....
11.2 Assessments for Paving Streets:					
11.3 Assessments for Sidewalks................	....	13,674 66	....	....	....
11.4 Assessments for Street Cleaning:					
11.5 Assessments for Street Sprinkling. ..	$16,833 26	....	....	....	.. ..
11.6 Assessments for Street Lighting:					
11.7 Assessments for Garbage Collection, etc.:					
11.8 Assessments for Sewers...............	....	6,099 96	....	....	....
11.9 Assessments for Parks:					
11.10 Other Special Assessments:					
Moth Extermination....	3,480 90	....	....	....	....
Total Special Assessments..	$20,314 16	$21,828 75			
GRAND TOTALS OF SCHEDULE A–IV	$2,730,299 13	$833,237 19		$2,730,070 74	$837,084 30

SCHEDULE A–v.

TRUST FUNDS, ETC.

Capital Account Transactions.

FUNDS.	RECEIPTS.	EXPENDITURES.
Cemetery Fund	$5,715 60	$5,715 60

Income Account Transactions: None.

GRAND TOTAL INCOME AND CAPITAL TRANSACTIONS OF TRUST FUNDS, ETC. (per Schedule A–II	$5,715 60	$5,715 60

SCHEDULE A-VI.

TEMPORARY ACCOUNTS.

	RECEIPTS.	EXPENDITURES.
1. Temporary Tax Loans	$413,000 00	$413,000 00
2. Transfers	12,452 86	12,452 86
3. Payments from Sinking Funds into Treasury and from Treasury to Redeem Matured Bonds	43,000 00	43,000 00
4. Rebates and Refunds*	66,239 16	66,239 16
TOTAL TEMPORARY ACCOUNTS (per Schedule A-II.)	$534,692 02	$534,692 02

* Included under 5.1, 10.1, etc.

SCHEDULE A–VII.

A Table of Ordinary Expenditures from 1902 to 1906 (inclusive).

	1902.	1903.	1904.	1905.	1906.
1.1 Mayor's Department	$5,388 00	$5,740 92	$5,894 15	$5,990 00	$6,084 74
1.2 Councils:					
City Messenger's Department	2,030 45	1,644 24	1,759 31	1,980 00	2,160 89
Clerk of Committees	3,999 02	3,657 87	3,727 50	3,649 94	3,784 19
City Council Expenses	3,704 75	5,385 81	4,738 85	8,887 98	6,041 29
City Clerk's Department	7,566 75	7,594 68	8,234 71	8,425 84	8,699 63
	$17,300 97	$18,282 60	$18,460 37	$22,943 76	$20,686 00
1.3 Law Department	5,046 01	4,995 00	4,963 17	4,800 00	4,857 31
1.4 Finance:					
Auditing Department	3,773 65	4,046 72	4,278 75	4,162 50	4,300 00
Assessors' Department	13,659 86	13,983 51	16,107 64	15,791 84	15,150 96
Treasurer's (and Collector)	15,378 85	14,943 23	16,045 63	17,456 67	16,699 01
Sinking Fund Officials	405 00	405 00	365 00	365 00	341 00
	$33,217 36	$33,378 46	$36,797 02	$37,776 01	$36,490 97
1.5 Elections:					
Election Expenses, City Clerk	6,408 42	6,422 06	9,693 28	8,857 05	10,199 60
Election Expenses, Registrars of Voters	3,162 95	3,895 05	4,453 08	4,188 70	4,599 38
Election Expenses, Superintendent Buildings	3,288 68	1,699 68	2,393 75	2,393 27	4,099 59
	$12,860 05	$12,016 79	$16,540 11	$15,439 02	$18,898 57
1.6 City Hall:					
City Building Account	17,328 69	15,725 53	24,650 36	20,746 68	19,578 55
1.7 Miscellaneous:					
Postage and Stat'y, Messenger	1,192 09	1,085 11	1,399 63	1,698 44	1,699 96
Miscellaneous	4,006 78	3,970 00	....	....	....
	$5,198 87	$5,055 11	$1,399 63	$1,698 44	....
Total General Government	$96,339 95	$95,194 46	$108,704 81	$109,393 91	$108,296 10
2.1 Police Department	$131,251 70	$134,968 00	$143,271 60	$152,417 52	$156,330 06
2.2 Fire Department:					
Salaries and General Expenses	93,083 78	94,521 98	96,515 55	114,498 01	115,456 32
2.2a Fire and Police Telegraph:					
Electrical Dept.—Wire Account	9,998 71	9,494 12	13,460 41	13,403 00	13,222 24
2.4 Health Department:					
Salaries and General Expenses	16,933 81	20,510 27	21,143 36	20,166 69	20,560 98
Small-pox Hospital	47,007 68	9,630 89	870 82	848 48	290 79
Diphtheria Hospital	9,999 58	8,163 64	8,194 22	8,139 61	8,592 73
Inspector of Milk and Vinegar	1,674 28	1,599 85	1,661 72	2,139 49	1,999 70
Modified Milk	....	....	....	....	1,338 37
Inspector of Animals	777 00	794 25	769 64	773 40	799 19
	$76,392 35	$40,698 90	$32,639 76	$32,067 67	$33,581 76
2.6 Inspectors:					
Superintendent of Buildings	6,391 99	6,104 73	6,718 96	6,930 69	6,995 86
Plumbers' Examiners Dept	....	86 00	87 80	72 92	148 68
Sealer of Weights and Measures	2,772 22	2,477 11	2,274 77	2,513 18	2,747 43
	$9,164 21	$8,667 84	$9,081 53	$9,516 79	$9,891 97
2.7 Militia and Armories:					
Armory, Beech Street	61 00	97 58	124 81	....	....
Rifle Range	341 28	326 73	543 50	606 51	692 07
Car Tickets to and from Rifle Range	223 24	298 86	299 31	643 49	649 88
	$625 52	$723 17	$967 62	$1,250 00	$1,341 95
Total Public Safety (Protection Life, Health and Property)	$320,516 27	$289,074 01	$295,936 47	$323,152 99	$329,824 30

SCHEDULE A–VII.—*Continued.*

	1902.	1903.	1904.	1905.	1906.
3 1 **Hospitals**	....	....	....	$1,748 72	$1,599 90
3.2 **Insane:**					
Outside Aid—Care of Insane	$28,036 13	$26,528 23	$8,112 24	27 39	....
3.4 **Almshouses:**					
City Farm	5,266 90	5,012 41	4,957 25	4,977 69	4,974 85
City Home	18,961 05	19,276 44	19,293 11	19,986 76	19,738 88
	$24,227 95	$24,288 85	$24,250 36	$24,964 45	$24,713 73
3.5 **Out-door Relief:**					
Salaries	3,684 25	3,178 78	2,755 00	2,748 75	2,742 50
General Expenses (less Care of Insane)	10,979 23	13,440 69	14,496 14	13,970 64	17,980 46
City Physician	1,500 00	1,500 00	1,500 00	1,500 00	1,500 00
	$16,163 48	$18,119 47	$18,751 14	$18,219 39	$22,222 96
3.9 **Miscellaneous:**					
State Aid—Soldiers' Relief.	25,493 24	24,993 30	25,657 32	26,846 05	27,278 39
Total Public Charity and Correction	$93,920 80	$93,929 85	$76,771 06	$71,806 00	$75,814 98
4.1 **Administration:**					
Engineering Dept.	$10,027 98	$9,844 41	$9,624 92	$9,164 38	$9,595 31
Salaries — Superintendent of Streets and clerks	4,198 25	4,100 00	4,237 34	4,482 52	6,170 00
	$14,226 23	$13,944 41	$13,862 26	$13,646 90	$15,765 31
4.2 **Opening, Grading and Widening Streets:**					
Grade Crossings	....	....	....	....	50 00
Board of Survey	138 93	96 50	174 00	114 18	171 57
4.3 **Street Paving:**					
Rebuilding Streets	40,368 03	14,317 30	56,467 84	52,394 28	39,292 45
Maintenance	66,116 51	64,977 82	69,993 13	69,995 34	69,196 97
	$106,484 54	$79,295 12	$126,460 97	$122,389 62	$108,489 42
4.4 **Sidewalks:**					
Paving—Crossings and Repairs.	9,997 85	10,000 00	9,997 18	....	9,535 78
4.5 **Street Lighting:**					
Electrical Dept.—Street Lighting	74,249 64	75,176 66	76,787 97	78,578 77	79,426 11
4.6 **Street Cleaning:**					
Street Cleaning Division	23,230 57	29,069 88	30,999 43	30,997 92	33,961 86
4.7 **Snow Removal**	6,802 68	5,925 75	17,999 07	16,498 10	5,987 62
4.8 **Street Sprinkling:**					
Street Watering	28,998 73	27,902 12	28,000 00	28,000 00	28,558 14
4.9 **Refuse Collection and Disposal:**					
Overseers of Poor—House Offal	28,319 80	30,848 01	31,011 64	33,635 00	33,200 00
Collection of Ashes	28,999 44	28,797 78	32,096 98	32,499 23	33,686 46
	$57,319 24	$59,645 79	$63,108 62	$66,134 23	$66,886 46
4.10 **Sewers and Sewage Disposal:**					
Sewer Dept.—Maintenance	17,495 00	20,672 52	17,520 11	17,652 59	18,602 65
Metropolitan Sewer Tax	78,252 17	79,836 65	86,891 58	89,341 00	84,895 57
	$95,747 17	$100,509 17	$104,411 69	$106,993 59	$103,498 22
4.12 **Bridges:**					
Boston Bridges	16,928 10	16,856 21	16,794 63	15,858 61	17,079 80
Bridges—Street Dept.	3,500 00	3,200 00	3,097 77	5,897 86	4,319 32
	$20,428 10	$20,056 21	$19,892 40	$21,756 47	$21,399 12
4.13 **Miscellaneous:**					
Damages to persons and personal property	3,256 72	3,637 85	1,487 93	1,739 25	2,438 17
Civil Service Dept.	249 95	245 05	244 87	250 00	349 52
	$3,506 67	$3,882 90	$1,732 80	$1,989 25	$2,787 69
Total Public Highways and Sanitation	$441,130 35	$425,504 51	$493,426 39	$487,099 03	$476,519 30

SCHEDULE A–VII. — *Continued.*

	1902.	1903.	1904.	1905.	1906.
5.1 Water Works:					
Maintenance	$63,960 34	$64,289 51	$97,845 40	$103,043 80	$73,583 31
Refunds and Abatements	6,985 63	6,925 51	7,291 63	4,764 40	4,710 37
	$70,945 97	$71,215 02	$105,137 03	$107,808 20	$78,293 68
5.2 Cemeteries and Crematories:					
Salaries and General Expenses.	17,450 93	16,573 12	18,078 82	17,992 08	19,764 45
Total Municipal Enterprises	$88,396 90	$87,788 14	$123,215 85	$125,800 28	$98,058 13
6.1 Schools:					
Salaries: Janitors and others	$33,881 88	$34,999 25	$36,739 11	$37,459 55	$40,497 75
General Expenses	31,802 90	47,421 10	57,590 75	51,470 44	49,999 95
Care of Truants	1,847 10	1,786 22	2,184 43	1,8 8 26	1,693 18
Flags	99 15	99 28	105 60	71 95	44 85
Incidentals	1,554 35	1,603 93	1,942 32	1,586 16	1,516 54
Salaries, Teachers and Officers.	349,986 25	357,291 30	365.035 39	376,264 39	389,048 52
Text Books and Supplies	19,220 94	15,884 86	28,538 27	22,276 20	19,885 63
Transportation	300 00	309 00	321 00	368 00	348 00
Vacation Schools	1,016 97	....	1,957 43	1,679 64	1 801 27
	$439,709 54	$459,394 94	$494,414 30	$493,064 59	$504,835 69
6.2 Libraries:					
Main Library	17,992 70	17,965 25	18,690 93	20,698 39	21,713 90
East Cambridge Branch	1,346 83	2,395 26	1,799 09	1,879 38	1,890 45
North Cambridge Branch	....	....	....	....	2,725 45
	$19,339 53	$20,360 51	$20,490 02	$22,577 77	$26,329 80
Total Public Education, Libraries, etc	$459,049 07	$479,755 45	$514,904 32	$535,642 36	$531,165 49
7.2 Parks:					
Metropolitan Park Tax	$96,478 96	$34,541 40	$38,064 53	$39,570 87	$47,502 47
Commons, Squares and Public Grounds	5,045 53	4,997 16	4,999 90	4,999 70	6,250 00
Cambridge Field and Shelter	5,111 97	4,499 79	5,399 14	5,994 54	6,189 95
General Account	399 28	515 13	599 99	598 80	2,099 96
Sections A, B, D, F and Rindge Field	2,434 20	2,979 33	2,699 71	3,499 81	4,747 05
Brown Tail Moth Extermination	4,799 06	3,639 13	6,699 57	11,324 05	13,994 63
Sections G and H	2,941 47	3,280 84	3,298 10	3,199 67	2,499 66
Shade Trees	6,210 56	4,949 81	4,999 70	4,999 23	6 499 55
Shelter at Rindge Field	....	....	....	....	109 66
Gymnasium at Rindge Field	....	....	....	....	500 00
Schoolhouse Grounds	....	....	....	....	199 93
	$123,421 03	$59,435 59	$66,760 64	$74,491 67	$90,592 86
7.3 Baths:					
Park Department, Maintenance	2,291 98	2,193 95	1,696 30	2,271 04	2,299 90
7.4 Celebrations:					
Independence Day	75 00	1,465 44	1,692 40	1,629 63	1,660 79
Labor Day	....	400 00	400 00	399 84	399 97
Memorial Day	1,100 00	1,100 00	1,100 00	1,100 00	1,100 00
Miscellaneous	185 58	39 00	....	....	....
	$1,360 58	$3,004 44	$3,192 40	$3,129 47	$3,160 76
Total Public Recreation	$127,073 59	$69,975 07	$71,649 34	$79,892 18	$96,053 52
8.2 Payments to Sinking Funds:					
Park	$22,541 67	$23,318 67	$22,973 33	$23.386 67	$24,120 00
Cambridge Bridge	4,666 67	6.000 00	8,000 00	14,000 00	17,333 33
Cambridge Bridge Special	....	....	....	616 00	616 00
Clay Lands	5,335 00	5,335 00	5,335 00	5.335 00	5,335 00
General	111,050 99	107,067 75	104,408 25	99,804 50	98,962 00
Harvard Bridge	9,500 00	8,800 00	8,800 00	8,800 00	8,800 00
Improved Sewerage	5,747 50	5,764 00	6,644 00	7,678 00	8,778 00
Separate System of Drainage	....	....	....	550 00	1,100 00
Water	123,000 29	123,145 78	121,522 50	121,522 50	126,871 49
Hospital	....	225 00	225 00	225 00	225 00
Metropolitan Park Assessment.	....	....	1,012 00	1,012 00	1,012 00
	$281,842 12	$279 656 20	$278,920 08	$282,929 67	$293,152 82

SCHEDULE A–VII. — *Concluded.*

	1902.	1903.	1904.	1905.	1906.
8.3 Direct Payment of Matured Debt:					
(Not from sinking funds but from tax levy direct	....	....	$51,000 00	....	$12,500 00
Total transactions concerning Public Debt	$281,842 12	$279,656 20	$329,920 08	$282,929 64	$305,652 82
9.3 Payment of Interest upon Debt:					
Upon Funded Debt	$154,769 00	$166,166 50	$167,736 50	$172,343 13	$173,562 25
Upon Temporary Tax Loans.	8,337 76	9,388 13	8,548 37	8,187 70	9,314 60
Upon Park Loans	49,880 00	50,535 00	52,610 00	54,210 00	55,392 50
Upon Water Loans	129,579 00	128,806 50	126,126 50	135,506 50	143,827 75
	$342,565 76	$354,896 13	$355,021 37	$370,247 33	$382,097 10
9.4 Miscellaneous Interest:					
Interest on Trust Funds	1,500 00	1,500 00	1,500 00	1,500 00	1,500 00
Total Interest	$344,065 76	$356,396 13	$356,521 37	$371,747 33	$383,597 10
10.1 Real, Personal and Poll Taxes:					
Abatements, etc	$33,047 28	$38,410 77	$46,771 14	$41,106 18	$53,104 79
Refund of Excess Taxes	128 12	2,990 09	8,486 96	7,486 18	8,366 94
Invalid Tax Titles	....	124 47	110 44	274 37	57 06
	$33,175 40	$41,525 33	$55,368 54	$48,866 73	$61,528 79
10.4 Other Taxes (except Franchise taxes):					
Bank Tax	7,802 80	6,740 92	6,650 66	4,459 99	4,351 35
Excise Tax Refunds	....	....	....	....	278 43
10.5 Liquor Licenses	14 25	15 25	14 75	15 00	13 75
10.7 Street Railway Tax	466 63	....	....	....	....
10.9 Miscellaneous:					
Lien Account Tax	3,523 60	37 30	44 01	316 15	3,995 10
State Tax	47,820 00	79,700 00	80,775 00	129,240 00	113,085 00
County Tax	100,184 86	104,400 56	109,201 21	106,119 75	112,483 29
Armory Tax	4,154 46	9,766 68	10,445 68	10,348 61	10,378 35
Charles River Dam	....	....	28,000 00	....	....
Grade Crossing	....	....	7,977 69	9,330 14	12,536 94
	$155,682 92	$193,904 54	$236,443 59	$253,354 65	$252,478 68
Total Taxation	$197,142 00	$242,186 04	$298,477 54	$308,696 37	$318,651 00

TABLE OF EXTRAORDINARY EXPENSES FROM 1902 TO 1906 INCLUSIVE.

Paid in Most Cases from Proceeds of Loans Issued or Extraordinary Revenue.

	1902.	1903.	1904	1905.	1906.
Alteration at Station 4	....	....	....	....	$7,000 00
Detention Room, Brattle Square	....	....	....	....	$1,316 50
Voting Booth	$395 00	....	....	....	....
Land for Engine House, Ward 10	....	$2,815 00	$17,622 54	$12,377 13	....
Filling Low Lands at Cambridge Cemetery	1,055 52	....	....	....	....
Land for Hospital	....	....	35 00	225 00	2,500 00
Land Damages	35,599 24	29,961 55	49,258 35	8,244 71	5,049 10
Street Construction	33,343 21	3,272 35	46,250 65	58,375 67	96,577 12
Edgestones and Sidewalks	24,999 95	29,998 82	29,999 13	31,480 36	29,997 49
Subway at Raymond Street	....	....	....	882 00	6,445 47
Sewer Construction—					
General	7,509 72	27,156 29	49,555 00	19,840 12	14,866 56
Improved Sewerage	61,997 27	47,821 13	35,730 95	55,480 74	5,815 38
Separate System of Drainage	....	....	19,551 26	23.195 32	50,744 10
Cambridge Bridge	202,095 67	154,129 10	354,442 45	240,227 35	253,126 36
Brookline Bridge Approach	....	....	....	....	21,516 11
Paving Harvard Bridge	25,841 97	283 96	....	....	....
Water Works Construction	32,943 59	26,353 55	21,851 98	251,232 57	318,460 76
Addition to Roberts School House	....	....	....	20,857 49	72 38
Addition to Wellington School House	....	....	....	....	8,229 29
New School House and Land, Fletcher	11,257 75	31,025 35	48,973 55	....	....
New School House, Washington	3,275 59	19,137 41	4,698 05	....	....
“ “ “ Kelley	18,958 66	59,980 67	789 87	88 92	....
“ “ “ Houghton	....	....	8,311 75	87,815 26	197 50
Addition and Equipment of Rindge Manual Training School	....	....	7,144 98	19,551 01	448 40
Addition to Public Library	28,337 22	987 59	371 79	....	....
Park Construction, General	55,528 94	54,547 05	25,576 13	50,467 17	14,721 78
Total	$543,139 30	$487,469 82	$720,163 43	$880,340 82	$837,084 30

RECAPITULATION.

ORDINARY.	1902 Expenditures.	1903 Expenditures.	1904 Expenditures.	1905 Expenditures.	1906 Expenditures.
General Administration.........	$96,339 95	$95,194 46	$108,704 81	$109,393 91	$108,296 10
Public Safety. (Protection of Life, Health and Property. .	337,967 20	305,647 13	314,015 29	341,145 07	336,264 30
Public Charity..................	93,920 80	93,929 85	76,771 06	71,806 00	75,814 98
Public Highways and Sanitation	441,130 35	425,504 51	493,426 39	487,099 03	476,517 30
Municipal Enterprises..........	70,945 97	71,215 02	105,137 03	107,808 20	98,058 13
Public Education, Libraries, etc.	459,049 07	479,755 45	514,904 32	515,642 36	531,165 49
Public Recreation..	127,073 59	64,975 07	71,649 34	79,892 18	96,053 52
Public Indebtedness. (Transactions during the year)....	281,842 12	279,656 20	329,920 08	282,929 67	305,652 82
Public Interest.................	344,065 76	356,396 13	356,521 37	371,747 33	383,597 10
Public Taxation.................	197,142 00	242,186 04	298,477 54	308,696 37	318,651 00
Special Assessments. (Street Betterments, etc.)............	....	....	....	....	....
Unclassified....................	10 98	....	....	....	....
Total of Ordinary Expenditures	$2,449,487 79	$2,414,459 86	$2,669,527 23	$2,676,160 12	$2,730,070 74

EXTRAORDINARY.	1902 Expenditures.	1903 Expenditures.	1904 Expenditures.	1905 Expenditures.	1906 Expenditures.
General Administration........	$395 00	....	....	....	....
Public Safety. (Protection of Life, Health and Property.....	1,055 52	$2,815 00	$17,657 54	$12,602 13	$10,816 50
Public Charity..................	....	....	....	....	....
Public Highways and Sanitation	391,387 03	292,623 20	584,787 79	437,726 27	484,137 69
Municipal Enterprises......... ..	32,943 59	26,353 55	21,851 98	251,232 57	318,460 76
Public Education, Libraries, etc.	61,829 22	111,131 02	70,289 99	128,312 68	8,947 57
Public Recreation.....	55,528 94	54,547 05	25,576 13	50,467 17	14,721 78
Public Indebtedness. (Transactions during the year.........	....	....	....	....	....
Public Interest.................	....	....	....	....	....
Public Taxation................	....	....	....	....	....
Special Assessments. (Street Betterments, etc.)............	....	....	....	....	....
Total of Extraordinary Expenditures	$543,139 30	$487,469 82	$720,163 43	$880,340 82	$837,084 30

SCHEDULE A-VIII

APPROPRIATIONS AND EXPENDITURES

NO. 1

GENERAL ADMINISTRATION

No. 1. GENERAL ADMINISTRATION.

MAYOR'S DEPARTMENT. (1.1)

SALARIES.

Appropriation			$5,500 00
EXPENDED.			
For salaries of Mayors: —			
Augustine J. Daly	$291 67		
Charles H. Thurston	3,208 33		
		$3,500 00	
Clerk, Edward A. Counihan		1,200 00	
Stenographer, Georgie W. Sanborn		785 00	
Total			5,485 00
Surplus of appropriation relinquished to General Treasury			$15 00

GENERAL EXPENSES.

Appropriation			$600 00
EXPENDED.			
For advertising, Cambridge Chronicle		$9 75	
Binding, Boston Bookbinding Co.		5 25	
Carriage hire: —			
Boston Cab Co.	$3 00		
Cummings Bros.	27 00		
George E. Francis	134 50		
G. F. Whiting & Co.	40 50		
		205 00	
Directory, Sampson & Murdock Co.		6 00	
Portrait and frame: —			
C. E. Harlow	$6 25		
Pach Bros.	5 00		
		11 25	
Service as stenographer: —			
Helen L. Brady		5 00	
Stationery, printing, etc.: —			
A. R. Andrews	$7 90		
Cambridge Chronicle	3 50		
J. A. Cummings Printing Co.	24 97		
J. Frank Facey	16 00		
Samuel Ward Co.	31 37		
		83 74	
Sundries		2 10	
Taking testimony at evening hearings: —			
Georgie W. Sanborn		5 00	
Amounts carried forward		$333 09	$600 00

General Administration—Continued.

MAYOR'S DEPARTMENT, GENERAL EXPENSES—Concluded.

Amounts brought forward	$333 09	$600 00
For telephone service	169 26	
Typewriter repairs: — Smith Premier Typewriter Co.	3 05	
Transfer: — Supplies, Postage and Stationery Account	94 34	
Total		599 74
Surplus of appropriation relinquished to General Treasury		$0 26

COUNCILS (1.2)

CITY MESSENGER'S DEPARTMENT.

SALARIES.

Appropriation		$1,836 00

EXPENDED.

For salaries of:—		
City Messenger, Frank T. Evans	$1,200 00	
Assistant, Wm. E. McAnaul	636 00	
Total		1,836 00

GENERAL EXPENSES.

Appropriation			$300 00

EXPENDED.

For car tickets: — Boston Elevated Railway Co.		$35 00	
Directories: —			
W. A. Greenough & Co.	$4 00		
Sampson & Murdock Co.	6 00		
		10 00	
Expressage:—			
American Express Co.	$5 98		
P Biggin	11 90		
Savage & Son	4 10		
Sawin's Express	1 45		
		23 43	
Rent of post office box: — Postmaster, Boston		8 00	
Amounts carried forward		$76 43	$300 00

General Administration—Continued.

CITY MESSENGER'S DEPARTMENT, GENERAL EXPENSES—Concluded.

Amounts brought forward		$76 43	$300 00
For subscriptions: —			
Cambridge Chronicle	5 00		
Geo. E. French	8 85		
		13 85	
Sundries		3 90	
Telephone service		77 55	
Transfer: —			
Supplies, Postage and Stationery Account		153 16	
			324 89
Excess of expenditures over appropriation			$24 89
Additional appropriation			25 00
Balance relinquished to General Treasury			$0 11

COUNCILS. (1.2)

CLERK OF COMMITTEES' DEPARTMENT.

SALARIES.

Appropriation			$3,600 00

EXPENDED.

For salaries of:—			
Clerk of Committee, John McDuffie		$2,400 00	
Assistant, Eben W. Pike		900 00	
Services of clerks and stenographers:—			
Helen L Brady	$13 50		
Nellie B Buckley	11 00		
Elizabeth M. Connell	49 25		
Frances R. Leonard	60 50		
		134 25	
Total			3,434 25
Surplus of appropriation relinquished to General Treasury			$165 75

GENERAL EXPENSES.

Appropriation		$350 00

EXPENDED.

For advertising, Cambridge Chronicle	$25 25	
Binding, David Farquhar	11 50	
Amounts carried forward	$36 75	$350 00

General Administration—Continued.

CLERK OF COMMITTEES' DEPARTMENT, GENERAL EXPENSES—Concluded

Amounts brought forward . .		$36 75	$350 00
For directories :—			
W. A. Greenough & Co. . . .	$8 00		
Sampson & Murdock Co. . .	6 00		
		14 00	
Stationery, printing, etc. :—			
Adams, Cushing & Foster . .	$3 75		
Cambridge Chronicle . . .	48 65		
Cotton & Gould	42 50		
		94 90	
Subscriptions :—			
Cambridge Chronicle . .	$5 00		
Times Publishing Co. . . .	1 00		
		6 00	
Sundries		2 48	
Telephone service		78 54	
Typewriter repairs :—			
The Typewriter Exchange . .		2 25	
Transfer :—			
Supplies, Postage and Stationery Account		115 02	
Total			349 94
Surplus of appropriation relinquished to General Treasury			$0 06

COUNCILS. (1.2)

CITY COUNCIL EXPENSES.

Appropriation	$5,000 00

Department Receipts Carried to General Treasury.

For return of money unexpended by Committee on Highways on its trip to New York	$114 65

EXPENDED.

For salaries of :—			
Clerk, Edw. A. Counihan . .	$500 00		
Page, Wm. E. McAnaul . . .	100 00		
		$600 00	
Car tickets :—			
Boston Elevated Railway Co. .		400 00	
Decorating City Hall for 275th Anniversary :—			
New England Decorating Co. .		100 00	
Amounts carried forward . . .		$1,100 00	$5,000 00

General Administration—Continued.

CITY COUNCIL EXPENSES — Continued.

Amounts brought forward			$1,100 00	$5,000 00
For expenses in connection with conduits :—				
Dinners, Riverbank Court Hotel Co.		$22 06		
Traveling expenses, G. A. A. Pevey		98 95		
			121 01	
Expenses in connection with municipal accounting :—				
Traveling expenses, Harry T. Upham			34 75	
Inauguration expenses :—				
Carriage hire :—				
Geo. E Francis	$10 00			
G. F. Whiting & Co.	3 00			
Sundry persons	3 50			
		$16 50		
Floral decorations, Wm. E. Doyle		50 00		
Programs, J Frank Facey		20 00		
Use of chairs, Pettingill & Pear		12 00		
			98 50	
Printing calendars :—				
Cambridge Chronicle Co.		$98 00		
J. Frank Facey		144 37		
			242 37	
Quincy granite stone for Cape Cod Memorial Association :—				
Kavanagh Bros. Co.			45 00	
Refund of license fees :—				
Emanuel W King			12 00	
Ringing bells on holidays :—				
Sundry persons			52 00	
Services in connection with free delivery station of Public Library in 1903 :—				
F. P. Lombard			24 00	
Silver plate for mallet :—				
C. A. Twitchell & Co.			3 00	
Expenses of City Clerk :—				
Advertising :—				
Cambridge Chronicle	$184 00			
Cambridge Mirror	2 50			
Cambridge Sentinel Publishing Co.	29 00			
Cambridge Tribune	46 75			
Times Publishing Co.	21 00			
		$283 25		
Binding :—				
Boston Bookbinding Co.		7 29		
Amounts carried forward		$290 54	$1,732 63	$5,000 00

General Administration—Continued.

CITY COUNCIL EXPENSES—Continued.

Amounts brought forward		$290 54	$1,732 63	$5,000 00
For books :—				
Boston Book Co.	$6 50			
Com. of Mass.	7 00			
Wm. J. Nagel	32 00			
Geo. B. Reed	1 00			
Little, Brown & Co.	4 50			
West Publishing Co	16 00			
		67 00		
Boxes, sundry persons		3 20		
City Documents :—				
Advertising, Cambridge Chronicle	$16 00			
Binding and lettering, Boston Bookbinding Co.	58 50			
Engraving, C. J. Peters & Son Co.	60 00			
Insurance, Darling & Russell	5 95			
Photographs, Morris Burke Parkinson	1 50			
Printing, J. A. Cummings Printing Co.	1,640 99			
		1,782 94		
Engrossing, Frank L. Wells.		37 00		
Leather cases for City Government Manuals :—				
Thomas A. McMullin		50 00		
Posting notices :—				
Wm. F. McCormick		3 00		
Printing :—				
Cambridge Chronicle	$255 10			
Cambridge Co-operative Press	93 94			
Caustic-Claflin Co.	53 50			
J. A. Cummings Printing Co.	296 81			
J. Frank Facey	209 25			
Louis F. Weston	4 00			
Edw. W. Wheeler	6 50			
		919 10		
Stationery, Cotton & Gould		21 75		
Transfer :—				
Supplies, Postage and Stationery Account		36 20		
			3,210 73	
Expenses of committees :—				
Carriage hire :—				
Chas. W Dailey Corp.	$47 00			
P. A. Dolan	5 00			
Amounts carried forward	$52 00		$4,943 36	$5,000 00

General Administration—Continued.

CITY COUNCIL EXPENSES—Concluded.

Amounts brought forward	$52 00		$4,943 36	$5,000 00
For John J. Donahue	5 00			
T. W. Hillier	5 00			
John T. Lawton	31 00			
Geo. D Merrill	10 00			
Jeremiah H. Murphy	11 00			
Fred D. Norton	54 00			
H. K. Parsons & Co.	20 00			
John J. Shea	21 00			
Soden Street stable	5 00			
G. F. Whiting & Co.	72 00			
		$286 00		
Expenses of Committee on Highways on visit to New York to inspect incinerating plants		350 00		
Refreshments:—				
The Colonial Club	$57 00			
The Mansion House	398 93			
		455 93		
Services of Stenographer:—				
Elizabeth M. Connell		6 00		
			1,097 93	
Total				6,041 29
Excess of expenditures over appropriation				$1,041 29
Additional appropriation			$114 65	
Transfer from Contingent Fund			1,000 00	
				1,114 65
Balance relinquished to General Treasury				$73 36

COUNCILS. (1.2)

CITY CLERK'S DEPARTMENT.

SALARIES.

Appropriation			$6,800 00

EXPENDED.

For salaries of:—			
City Clerk, Edward J. Brandon	$3,275 00		
Asst. City Clerk, Albert M. Pear	1,400 00		
		$4,675 00	
Clerical assistance:—			
Amanda R. Murray	$793 94		
Helen L. Brady	659 22		
Margaret A Dayton	224 73		
Elizabeth M. Connell	61 50		
Amounts carried forward	$1,739 39	$4,675 00	$6,800 00

General Administration—Continued.

CITY CLERK'S DEPARTMENT, SALARIES—Concluded.

Amounts brought forward	$1,739 39	$4,675 00	$6,800 00
For Nellie B Buckley	124 75		
Anne Jacobs	200 00		
		2,064 14	
Total			6,739 14

Surplus of appropriation	$60 86
Transfer from this account to General Expenses	60 86

GENERAL EXPENSES.

Appropriation	$1,900 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For cemetery deeds	$8 25
Certificates from record	144 75
Dog licenses	488 20
Liquor licenses	55 00
Married women's certificates	5 50
Mortgages, assignment of wages, etc.	582 75
Sale of waste paper	4 95
Witness fees	6 20
	$1,295 60

EXPENDED.

For advertising:—			
Cambridge Chronicle	$6 75		
Cambridge Sentinel Publishing Co.	3 00		
Cambridge Tribune	3 00		
Times Publishing Co.	3 00		
		$15 75	
Binding:—			
Boston Bookbinding Co.	$13 50		
J. H. H. McNamee Co.	7 50		
		21 00	
Canvassing for births:—			
Emile J. Grenier	$43 50		
Warren Ivers	39 00		
James E. Lennon	45 00		
Edward H McCarron	45 00		
Wm. F. McCormick	39 00		
George H. Munroe	45 00		
Patrick J. Murphy	45 00		
Wm. J. O'Brien	45 00		
Edwin A. Peterson	24 00		
Edward J. Sweeney	45 00		
Patrick J. White	45 00		
Charles J. Williams	36 00		
		496 50	
Desk, S. H. Harrington		38 00	
Amounts carried forward		$571 25	$1,900 00

General Administration—Continued.

CITY CLERK'S DEPARTMENT, GENERAL EXPENSES—Continued.

Amounts brought forward		$571 25	$1,900 00
For directories: —			
W. A. Greenough & Co.	$4 00		
Sampson & Murdock Co.	6 00		
		10 00	
Expressage, Sundry persons		2 35	
Lettering boxes, Thomas Sweeney		32 50	
Map, Scarborough Co.		1 95	
Premium on bond, George H. Carrick		12 00	
Posting and serving notices: —			
James E. Lennon	$10 15		
Charles F. Manning	33 25		
Wm. F. McCormick	14 70		
Fred E. Thyng	3 00		
		61 10	
Recording documents: —			
E. O. Childs, Register		38 18	
Reporting births, Sundry physicians		329 50	
Step ladder, S. H. Harrington		4 75	
Stationery, printing and office supplies: —			
Adams, Cushing & Foster	$5 50		
Blackbird Pen Co.	21 00		
Boston Badge Co.	4 50		
Boston Fountain Pen Co.	5 80		
Cambridge Chronicle	26 75		
Caustic-Claflin Co.	12 50		
Cotton & Gould	64 87		
J. A. Cummings Printing Co.	49 50		
J. Frank Facey	50 50		
Edward W. S. Jones	9 25		
Henry M. Meek Publishing Co.	18 00		
Thorp & Martin Co.	14 47		
Times Publishing Co.	26 25		
Louis F. Weston	12 50		
Edw. W. Wheeler	54 55		
Sundry persons	6 59		
		382 03	
Subscriptions		3 50	
Sundries		2 87	
Telephone service		90 51	
Typewriter:—			
Smith Premier Typewriter Co.		178 00	
Verifying and obtaining facts for record:—			
Wm. F. McCormick		48 39	
Wardrobe, John Quin & Son		60 00	
Amounts carried forward		$1,828 88	$1,900 00

General Administration — Continued.

CITY CLERK'S DEPARTMENT, GENERAL EXPENSES—Concluded.

Amounts brought forward	$1,828 88	$1,900 00
For transfers:—		
Supplies, Postage and Stationery Account	131 61	
Total		1,960 49
Excess of expenditure over appropriation		$60 49
Transfer to this account from Salaries		60 86
Balance relinquished to General Treasury		37

LAW DEPARTMENT. (1.3)

SALARIES.

Appropriation			$4,100 00

EXPENDED.

For salaries of:—			
City Solicitor, G. A. A. Pevey		$3,500 00	
Stenographers:—			
Arthur C. Holden	$675 00		
Chas. M. N. Loveland	84 00		
		759 00	
Total			4,259 00
Excess of expenditures over appropriation			$159 00
Additional appropriation			160 00
Balance relinquished to General Treasury			$1 00

GENERAL EXPENSES.

Appropriation			$600 00

Department Receipts Carried to General Treasury.

For services of City Solicitor:—	
Water Department	$1,000 00

EXPENDED.

For advertising:—			
Boston Daily Advertiser	$3 00		
Cambridge Chronicle	3 50		
Cambridge Tribune	1 50		
		$8 00	
Car tickets:—			
Boston Elevated Railway Co.		75 00	
Cash expended for sundries:—			
G. A. A. Pevey		31 34	
Amounts carried forward		$114 34	$600 00

General Administration—Continued.

LAW DEPARTMENT, GENERAL EXPENSES—Concluded.

Amounts brought forward . .		$114 34	$600 00
For directory, W. A. Greenough & Co.		4 00	
Law books and legislative documents :—			
Wm. J. Nagel		12 00	
Office rent, Bangs & Wells . .		187 50	
Services, examining drainage :—			
E. W. Clark		10 00	
Serving writs, John F. Kelly, Treas.		2 74	
Stationery, printing, etc. :—			
Cambridge Chronicle	$25 00		
Cotton & Gould	33 25		
Geo. E. Crosby Co.	24 40		
		82 65	
Telephone service		52 14	
Typewriter :—			
Smith Premier Typewriter Co. .		94 50	
Witness fees, sundry persons . .		9 00	
Transfers: —			
Supplies, Postage and Stationery Account		29 44	
Total			598 31
Surplus of appropriation relinquished to General Treasury			$1 69

FINANCE. (1.4)

AUDITING DEPARTMENT.

SALARIES.

Appropriation			$3,904 00
EXPENDED.			
For salaries of :—			
City Auditor, Harry T. Upham .		$2,500 00	
Clerical assistance :—			
Mabel W. Hall	$780 00		
Mary A. McKenzie	620 00		
		1,400 00	
Total			3,900 00
Surplus of appropriation relinquished to General Treasury			4 00

General Administration—Continued.

AUDITING DEPARTMENT—Concluded.

GENERAL EXPENSES.

Appropriation			$400 00

EXPENDED.

For directory :—			
W. A. Greenough & Co. . . .		$4 00	
Document files :—			
Art Metal Construction Co. . .		15 00	
Official bond :—			
Fidelity & Deposit Co. of Maryland		90 00	
Stationery, printing, and office supplies :—			
Cotton & Gould	$42 00		
J. Frank Facey	33 00		
Globe-Wernicke Co . . .	17 85		
John H. Hezlitt	1 00		
Pneumatic Hand Stamp Co. . .	2 43		
Postmaster, Boston . . .	42 40		
The Powell Press	8 25		
Public Policy	2 40		
		149 33	
Subscriptions :—			
Geo. E. French	$5 00		
Cambridge Tribune . . .	2 50		
National Municipal League . .	5 00		
		12 50	
Telephone service		29 41	
Typewriter :—			
Underwood Typewriter Co. . .		75 00	
Transfers :—			
Supplies, Postage and Stationery Account		21 92	
Sundries		2 84	
Total			400 00

FINANCE. (1.4)

ASSESSORS' DEPARTMENT.

SALARIES.

Appropriation			$12,500 00

EXPENDED.

For salaries of assessors : —			
Wm. F. Brooks	$166 66		
Jeremiah F. Donovan . . .	2,000 00		
Timothy W. Good	1,833 34		
Daniel B. Shaughnessy . .	2,000 00		
		$6,000 00	
Amounts carried forward . . .		$6,000 00	$12,500 00

General Administration—Continued.

ASSESSORS' DEPARTMENT, SALARIES—Concluded.

Amounts brought forward		$6,000 00	$12,500 00
For Assistant Assessors:—			
Jas. R. Boyd	$175 00		
Chas W. Callahan	175 00		
Jas. J. Culhane	175 00		
Thomas Gallagher	175 00		
John C Haverty, Jr.	175 00		
Warren Ivers	175 00		
John E. Kelley	175 00		
Felix C. McBride	175 00		
Chas. E. McCarthy	175 00		
Patrick J White	175 00		
Franklin H. Wright	175 00		
		1,925 00	
Clerical assistance:—			
Carrie A. Estes	$782 50		
Kittie L. Magoun	782 50		
Jessie I R. Waterman	782 50		
Temporary clerks	3,227 09		
		5,574 59	
Total			13,499 59
Excess of expenditure over appropriation			$999 59
Transfer to this department from Contingent Fund			1,000 00
Balance relinquished to General Treasury			41

GENERAL EXPENSES.

Appropriation			$1,400 00

EXPENDED.

For abstracts:—			
Horace J. Stevens		$37 50	
Advertising, Cambridge Chronicle		38 50	
Cabinets and cards for card system:—			
Library Bureau	$191 73		
Yawman & Erbe Mfg. Co.	42 86		
		234 59	
Carriage hire, T. W. Hillier		39 00	
Car tickets:—			
Boston Elevated Railway Co.		20 00	
Expressage, sundry persons		4 09	
Directories:—			
F. L. Beunke	$8 00		
W A Greenough & Co.	4 00		
Sampson & Murdock Co.	6 00		
		18 00	
Amounts carried forward		$391 68	$1,400 00

General Administration—Continued.

ASSESSORS' DEPARTMENT, GENERAL EXPENSES—Concluded.

Amounts brought forward		$391 68	$1,400 00
For printing list of polls:—			
Cambridge Chronicle		536 94	
Repairing chair, James Grant & Co.		3 50	
Repairing lock, etc.:—			
L. L. Phipps & Co.		90	
Stationery, printing and office supplies:—			
Cambridge Chronicle	$29 00		
Cotton & Gould	98 50		
J. Frank Facey	57 50		
The Twin-Lock Co.	56 00		
Edw. W S. Jones	38 00		
Smith Premier Typewriter Co.	5 00		
		284 00	
Subscriptions		6 00	
Telephone service		91 51	
Use of tables, S. H. Harrington		3 00	
Transfer:—			
Supplies, Postage and Stationery Account		82 44	
Total			1,399 97
Surplus of appropriation relinquished to General Treasury			03

FINANCE. (1.4)

ASSESSORS' PLANS.

Appropriation		$300 00
EXPENDED.		
For salaries of engineers, as per pay-rolls	$251 40	
Total		251 40
Surplus of appropriation relinquished to General Treasury		$48 60

FINANCE. (1.4)

TREASURY DEPARTMENT.

SALARIES.

Appropriation		$10,700 00
EXPENDED.		
For salaries of:—		
City Treasurer, Wm. W. Dallinger	$3,000 00	
Amounts carried forward	$3,000 00	$10,700 00

General Administration—Continued.

TREASURY DEPARTMENT, SALARIES—Concluded.

Amounts brought forward		$3,000 00	$10,700 00
For Clerical assistance:—			
Elbridge G. Stevens	$1,570 00		
Enoch J. Howlett	1,252 00		
J. Henry Webber	1,295 00		
Phillip B. Dallinger	994 00		
Elizabeth E. Estes	789 94		
Ella M. Chandler	618 00		
M. Alice Dow	654 00		
Temporary clerks	526 07		
		7,699 01	
Total			10,699 01
Surplus of appropriation relinquished to General Treasury			99

GENERAL EXPENSES.

Appropriation	$6,000 00

Department Receipts Carried to General Treasury.

For advertising	$647 10
Collection fee	1 00
Deeds	180 00
Posting	55 50
Recording	17 65
Release of tax titles	8 85
Summonses	882 60
Services of City Treasurer, Water Dept.	1,500 00
Tax sale descriptions	355 00
	$3,647 70

EXPENDED.

For adding machine:—			
Burroughs Adding Machine Co.		$375 00	
Advertising, Cambridge Chronicle		471 60	
Binding, David Farquhar		1 10	
Bonds and coupons:—			
American Bank Note Co.		121 89	
Boxes, Dover Stamping & Mfg. Co.		2 00	
Carriage hire, T. W. Hillier		583 00	
Commissions for collecting taxes:—			
Joseph Fox	$874 55		
Warren Ivers	825 53		
Thomas J. McGowan	66 50		
D. J. Moynahan	408 86		
		2,175 44	
Amounts carried forward		$3,730 03	$6,000 00

General Administration—Continued.

TREASURY DEPARTMENT, GENERAL EXPENSES—Concluded.

Amounts brought forward . .		$3,730 03	$6,000 00
For directories :—			
W. A. Greenough & Co. . .	$12 00		
Sampson & Murdock Co. . .	6 00		
		18 00	
Map, The Scarborough Co. . .		1 95	
Money bag, W. W. Winship . .		8 00	
Official bond, American Surety Co. .		160 00	
Postage, F. M Small, Superintendent		622 80	
Recording deeds, E O. Childs, Register		29 60	
Repairing boxes, Greene & Co. .		2 35	
Stationery, printing and office supplies : —			
Lyman B. Brooks	$66 00		
Cambridge Chronicle . . .	18 75		
Cambridge Co-operative Press .	71 00		
Wm. H. Claflin & Co . . .	57 00		
J A Cummings Printing Co. .	11 22		
Edward W S Jones . . .	790 75		
J. L. McIntosh	24 48		
Monk & Bordley	66 75		
Louis F Weston	43 00		
Sundry persons	2 83		
		1,151 78	
Subscriptions, George E. French .		6 00	
Telephone service		138 20	
Typewriter : —			
L. C. Smith & Bros. Typewriter Co.		90 75	
Transfer : —			
Supplies, Postage and Stationery Account		40 54	
Total			6,000 00

FINANCE. (1.4)

SINKING FUND OFFICIALS.

Appropriation			$365 00

EXPENDED.

For salaries of :—			
Treasurer, Wm. W Dallinger .	$300 00		
Clerk, John McDuffie . . .	25 00		
		$325 00	
Rent of box, Boston Safe Deposit Co.		16 00	
Total			341 00
Surplus of appropriation relinquished to General Treasury			$24 00

General Administration—Continued.

ELECTIONS. (1.5)

ELECTION EXPENSES, CITY CLERK.

Appropriation			$8,500 00

EXPENDED.

For election officers	$5,282 50		
Precinct men	310 00		
Bell ringers	26 00		
Special clerks	81 50		
		$5,700 00	
Clerical assistance :—			
Helen L. Brady	$6 50		
Nellie B. Buckley	84 64		
Elizabeth M. Connell	59 43		
Mary L. Corcoran	7 35		
Margaret A. Dayton	148 22		
Anne Jacobs	25 00		
Ella A Lothrop	12 00		
Wm. F. McCormick	8 10		
Amanda R. Murray	8 10		
Ruth Leighton Pike	5 00		
		364 34	
Advertising :—			
Cambridge Chronicle	$125 25		
Cambridge Mirror	20 00		
Cambridge Sentinel Publishing Co.	133 25		
Cambridge Tribune	125 25		
Review Publishing Co.	44 00		
Times Publishing Co.	142 75		
		590 50	
Badges, Boston Badge Co.		4 50	
Barges, Wm. F. Colby		330 00	
Car tickets :—			
Boston Elevated Railway Co.		20 00	
Carriage hire :—			
Frank P. Merrill	$8 00		
F R. Nickerson	17 00		
Soden Street Stable	3 00		
		28 00	
"Caucus Laws," Richard L. Gay		16 50	
Expressage and teaming :—			
American Express Co.	$4 03		
Anderson's Express	75		
P. Biggin	26 75		
Sawin's Express	1 55		
		33 08	
Hardware and supplies :—			
E. T Bynner	$16 50		
J. H. Corcoran & Co.	19 59		
Sundry persons	70		
		36 79	
Amounts carried forward		$7,123 71	$8,500 00

General Administration — Continued.

ELECTION EXPENSES, CITY CLERK—Continued.

Amounts brought forward		$7,123 71	$8,500 00
For labor :—			
Thomas J. Denton	$84 65		
Sundry persons	6 00		
		90 65	
Lunches :—			
Oak Grove Creamery Co.	$5 30		
W. S Sprague	52 41		
Sundry persons	3 97		
		61 68	
Mounting lists :—			
J. H. H. McNamee Co.		12 00	
Paper for ballots, etc. —			
John Carter & Co.	$64 00		
Casey-Begley Co.	42 00		
A. Storrs & Bement Co.	59 40		
		165 40	
" Perfection " ballot box, E.K.Tolman		50 00	
Posting and serving notices : —			
John Donnelly & Sons	$4 00		
James E. Lennon	6 00		
Charles F. Manning	13 10		
Wm. F. McCormick	5 00		
George H. Munroe	25 50		
Fred E. Thyng	33 00		
		86 60	
Preparing lists, Wm. F. McCormick		60 00	
Rent of hall, Malta Temple Association		35 00	
Repairing ballot boxes, etc. : —			
Edgar Hall	$23 00		
W. H. Norris	124 56		
L. L. Phipps & Co.	5 50		
		153 06	
Repairing locks, etc., L.L.Phipps & Co.		15 50	
Signs and repairs : —			
Thomas Bond	$1 80		
T. Sweeney	57 79		
		59 59	
Stationery, printing, etc. : —			
Boston Badge Co.	$45 35		
Cambridge Chronicle	46 00		
Daniel J Carroll	3 40		
Caustic Claflin Co.	147 75		
Cotton & Gould	114 12		
C D. Craigie	10 00		
J. A Cummings Printing Co.	1,107 79		
J. Frank Facey	418 50		
Times Publishing Co.	10 00		
Samuel Ward Co.	3 25		
Edward W. Wheeler	127 25		
		2,033 41	
Amounts carried forward		$9,946 60	$8,500 00

General Administration — Continued.

ELECTION EXPENSES, CITY CLERK—Concluded.

Amounts brought forward	$9,946 60	$8,500 00
For telephone service	10 52	
Washing canvas, Monk's Laundry	7 50	
Transfer:—		
Supplies, Postage and Stationery Account	234 98	
Total		10,199 60
Excess of expenditure over appropriation		$1,699 60
Additional appropriation		1,700 00
Balance relinquished to General Treasury		40

ELECTIONS. (1.5)

ELECTION EXPENSES, REGISTRARS OF VOTERS.

Appropriation			$4,000 00

EXPENDED.

For salaries of Registrars of Voters and Clerk of the Board:—			
Peter P Bleiler	$500 00		
J. Frank Facey	500 00		
John P. McCormick	500 00		
Isaac S. Pear	600 00		
		$2,100 00	
Clerical assistance.—			
Ella A Lothrop	$730 00		
Grace L. Felker	6 00		
Eleanore E. Lothrop	7 75		
Marion F. Lothrop	9 75		
Sundry persons	6 03		
		759 53	
Clerical assistance at recount:—			
Thos J Conrick	$14 50		
G. H Cloyes, Jr	12 50		
Thomas J. Denton	13 88		
Jas H. Donnelly	12 50		
Jas. B. Duffy	12 50		
William Earl	12 50		
John W. Gavin	12 50		
John R. Giles	12 50		
John H. Gleason	14 50		
Chas H Heileman	14 50		
Warren Ivers	2 00		
Chas. F Lewis	14 50		
Geo B. Lothrop	14 50		
Ella A. Lothrop	14 75		
John H. Mahoney	12 50		
Amounts carried forward	$190 63	$2,859 53	$4,000 00

General Administration — Continued.

ELECTION EXPENSES, REGISTRARS OF VOTERS—Concluded.

Amounts brought forward	$190 63	$2,859 53	$4,000 00
For Walter H. Mitchell	12 50		
Patrick J. Murphy	12 50		
Wm J. O Brien	12 50		
Robert H O'Neil	2 00		
Joseph J. Reed	14 50		
Harry J. Riley	2 00		
Frank J. Smith	12 50		
Anthony J Sylvester	2 00		
Geo. W. Turnbull	12 50		
Edw. F Wadden	12 50		
Chas. H Wiggin	14 50		
Frank B. Williams	2 00		
		302 63	
Advertising:—			
Cambridge Chronicle	$29 13		
Cambridge Mirror	10 00		
Cambridge Sentinel Publishing Co.	24 00		
Cambridge Tribune	21 50		
Times Publishing Co.	24 75		
		109 38	
Binding and mounting lists:—			
David Farquhar		25 10	
Carriage hire, F. R. Nickerson		26 50	
Directory, W. A. Greenough & Co.		4 00	
Electric wiring, F. Bryant & Co.		12 02	
Making, placing and removing list boards, W. H Norris		84 52	
Preparing and posting lists:—			
Geo. H. Munroe		36 00	
Printing voting lists, James W. Bean		950 00	
Stationery, printing and office supplies:—			
Allen Bros.	$4 80		
Cambridge Chronicle	61 25		
Cotton & Gould	60		
E. W. S. Jones	18 50		
Louis F. Weston	53 75		
		138 90	
Teaming, P. Biggin		6 60	
Telephone service		21 24	
Transfer:—			
Supplies, Postage and Stationery Account		22 96	
Total			4,599 38
Excess of expenditures over appropriation			$599 38
Additional appropriation			600 00
Balance relinquished to General Treasury			62

General Administration — Continued.

ELECTIONS. (1.5)

ELECTION EXPENSES, SUPERINTENDENT OF BUILDINGS.

Appropriation			$2,400 00
EXPENDED.			
For advertising, Cambridge Chronicle		$3 50	
Building new voting booths, etc. :—			
Timothy F. Haley		734 60	
Carpentry :—			
W. Fillmore Co.	$140 22		
W. H. Norris	10 50		
Thomas Powers	77 68		
John Quin & Son	377 00		
		605 40	
Chairs, table and heating apparatus :—			
Brock Bros.		123 46	
Electric wiring and gas piping :—			
F. Bryant & Co.	$66 87		
Thos. J. Daly	87 41		
S. D. Fallon	57 60		
		211 88	
Finishing rooms for voting purposes :—			
John B. Byrne		371 00	
Fuel, Consumers' Coal Co.		3 88	
Hardware and supplies :—			
Brock Bros.	$18 90		
E. T. Bynner	55 98		
Geo. G. Page Box Co.	4 75		
		79 63	
Lighting, Geo. F. Dickson		128 76	
Operating elevator, Edw. F. Walsh		4 00	
Preparing rooms for voting, and janitor service :—			
W. R. Blackman	$12 32		
F M. Buffum	6 00		
John F Carr	6 00		
James Cummiskey	12 00		
Wm. W Daly	6 00		
Arthur C. Day	12 00		
James G. Doocey	6 00		
Wm. H. Eveleth	12 00		
Wm Fitzgerald	8 20		
Albert E. Good	6 10		
M. F. Hamlin	12 00		
Thos. A Hughes	12 00		
John S Kenney	12 10		
Chas. F Long	16 00		
Geo. A. Lord	6 00		
Amounts carried forward	$144 72	$2,266 11	$2,400 00

General Administration — Continued.

ELECTION EXPENSES, SUPERINTENDENT OF BUILDINGS—Concluded.

Amounts brought forward	$144 72	$2,266 11	$2,400 00
For David D. Mahoney	6 00		
John McDonald	6 00		
Peter McDonough	6 00		
John Mooney	12 00		
Malachi Mullen	12 00		
Wm. Murphy	20 58		
Wm. J. Myles	20 47		
Chas. S. Shaffer	15 50		
T R. Sheridan	18 00		
W. G. Sheridan	20 00		
John S Southwick	6 00		
Daniel Sullivan	6 00		
		293 27	
Painting, Fred Hayden		68 00	
Rent:—			
R. Abramson	$21 00		
Cambridge Athletic Association	25 00		
Chas. Beck Post 56, G. A. R.	25 00		
Citizens' Trade Association	25 00		
B. E. Levin	15 00		
Mt. Sinai Building Association	25 00		
J. F. Noera	80 00		
John F. O'Brien	75 00		
Odd Fellows' Hall Association	110 00		
P. Quain & Son	25 00		
St. John's Literary Institute	185 00		
P. J. White	20 00		
Geo. G. Wright	30 00		
		661 00	
Setting up and removing booths and platforms: —			
C. H. Callahan & Son	$41 10		
W. Fillmore Co.	29 01		
C. T. Grames	103 18		
Timothy F Haley	59 94		
Thomas Powers	224 06		
John Quin & Son	161 64		
		618 93	
Steamfitting: —			
Greene & Co.	$40 00		
Huey Bros.	68 18		
		108 18	
Teaming booths: —			
P. Biggin	$70 00		
Jeremiah Sullivan	5 00		
		75 00	
Use of tables and chairs: —			
S. H. Harrington	$3 80		
Worcester Bros.	5 30		
		9 10	
Total			4,099 59
Excess of expenditures over appropriation			$1,699 59
Additional appropriation			1,700 00
Balance relinquished to General Treasury			41

General Administration — Continued.

CITY BUILDINGS. (1.6)

SALARIES.

Appropriation			$9,450 00

EXPENDED.

For salaries of employees at City Hall:—			
Janitor, Charles A. Gay	$1,053 00		
Ass't janitor, James McVey	732 00		
Engineer, John Donelon	855 57		
Fireman, G. W. Buzzell	749 86		
Fireman, Maurice Harrington	567 86		
Elevator-man, Edward F. Walsh	634 00		
Watchman, Joseph Hazlett	84 00		
Cleaner, Nellie M Carey	456 50		
Cleaner, Mary Mannix	456 50		
Extra cleaners, sundry persons, as per pay-roll	287 40		
Extra services as watchmen, etc.:—			
George W Buzzell	50 00		
John Donelon	50 00		
Sundry persons	15 00		
		$5,991 69	
At Brattle Square Building:—			
Janitor, Peter Kelley	$845 71		
Fireman, John Casey	322 29		
Cleaner, Mary Miller	370 00		
		1,538 00	
At Central Square Building:—			
Janitor, George W. Bates	$850 71		
Fireman, Silas Darling	162 29		
Cleaner, Annie Wright	264 29		
		1,277 29	
At Police Station No. 3:—			
Janitor, J. J. McCarthy		740 00	
At Police Station No. 4:—			
Janitor, Thomas Doyle	$121 00		
Fireman, J. B. Boldac	228 00		
		349 00	
Total			9,895 98
Excess of expenditures over appropriation			$445 98
Additional appropriation			450 00
Balance relinquished to General Treasury			$4 02

GENERAL EXPENSES.

Appropriation			$9,000 00

Department Receipts Carried to General Treasury.

For heating buildings for season of 1906:—			
Police Department	$890 00		
Fire Department	375 00		
Electrical Department	100 00		
Sale of old material	44 25		
	$1,409 25		
Amount carried forward			$9,000 00

General Administration — Continued.

CITY BUILDINGS, GENERAL EXPENSES—Continued

EXPENDED.

Amount brought forward			$9,000 00
For dues, Gas Consumers' Association		$31 00	
Fuel :—			
Consumers' Coal Co.	$124 05		
D. F. Gayton & Co	20 25		
Mass Wharf Coal Co.	2,647 81		
Frank A. Teele	3 88	2,795 99	
Laundering towels, Nellie M. Carey		133 47	
Lighting :—			
Cambridge Electric Light Co.	$1,263 74		
Cambridge Gas Light Co.	408 15	1,671 89	
Repairs to buildings :—			
Adjusting awnings, DeLue & Co.		6 20	
Advertising, Cambridge Chronicle		16 25	
Alterations in Brattle Sq Building :—			
J. H. & J. P. Thayer & Co.		761 00	
Carpentry :—			
W. Fillmore Co.	$4 47		
Thomas Powers	219 96		
John Quin & Son	987 52		
W. B. Shay	23 75		
Gus Wilson	12 40	1,248 10	
Elevator repairs :—			
M. T. Davidson	$14 70		
Otis Elevator Co.	9 30	24 00	
Mason work :—			
J. Delaney	$344 17		
Wm. J. Rounds	74 75	418 92	
Painting, glazing, etc. :—			
J. L. P. Ackers	$145 08		
Cambridge Sign Co.	9 36		
M. A. Feeley	243 50		
Harry Eldredge Goodhue	9 45		
J. Leo McDonald	10 75		
J. H & J. P. Thayer & Co.	15 00		
Sundry persons	5 00	438 14	
Plaster work, Wm. J. Heron		27 90	
Plumbing :—			
E. P. Callahan	$8 45		
Chas. A. Fallon	143 03		
D J. Keefe & Co.	158 45		
Herbert L. Rose	42 51		
J. T Phelan	274 40		
W. H. Sweeney	31 02	657 86	
Amounts carried forward		$8,230 72	$9,000 00

General Administration — Continued.

CITY BUILDINGS, GENERAL EXPENSES—Continued.

Amounts brought forward		$8,230 72	$9,000 00
For roof and gutter repairs :—			
John J. Blevins	$29 33		
Wm. Gordon	79 00		
John Morrissey	50 23		
Howard F. Peak	177 91		
		336 47	
Repairs to furniture and fixtures :—			
A. J. Applegate Co.	$11 00		
Brock Bros.	16 78		
Margaret M. Hogan	12 75		
David Thomson	7 50		
Vacuum Cleaner Co.	29 60		
Worcester Bros.	65 05		
Yale & Towne Mfg. Co.	19 24		
Wm. H. Zirkel	10 75		
Sundry persons	5 30		
		177 97	
Repairs to heating apparatus :—			
T. W. Good	$4 90		
Roberts Iron Works Co.	117 32		
W. H. Sweeney	11 11		
Sundry persons	3 90		
		137 23	
Repairs to lighting apparatus, and electrical work :—			
F. Bryant & Co.	$164 61		
Cambridge Brass Co.	35 00		
Thomas J. Daly	37 72		
		237 33	
Supplies :—			
Ash cans, Brock Bros.		45 00	
Brooms, brushes, dusters, etc. :—			
Mass. Ass'n for the Blind		10 50	
Flag, Brock Bros.		12 00	
Flannel :—			
Noera Flannel and Woolen Mills		26 65	
Furniture, furnishings and fixtures :—			
Boston Engineers' Supply Co.	$18 00		
Brock Bros.	67 75		
L. C. Smith & Bros. Typewriter Co.	33 75		
Smith Premier Typewriter Co.	33 25		
Worcester Bros.	63 51		
		216 26	
Hardware, tools, and supplies :—			
Brock & Eaton	$2 33		
E. T. Bynner	10 97		
J. H. Corcoran & Co.	3 30		
J. A. Holmes & Co.	2 90		
Sundry persons	4 68		
		24 18	
Amounts carried forward		$9,454 31	$9,000 00

General Administration — Continued.

CITY BUILDINGS, GENERAL EXPENSES—Concluded.

Amounts brought forward		$9,454 31	$9,000 00
For ice, Cambridge Ice Co.		79 75	
Oil, waste and boiler supplies:—			
Boston Engineers' Supply Co.	$50 45		
Standard Oil Co.	6 60		
		57 05	
Sawdust, Geo. G. Page Box Co.		1 50	
Soap:—			
Walter A. Claflin	$14 00		
W. H. Delaney	6 50		
West Disinfecting Co.	15 50		
		36 00	
Tablets for portraits, J. L. P. Ackers		9 50	
Toilet paper:—			
Wm. H. Claflin & Co.	$12 50		
Geo. T. Johnson & Co.	26 75		
		39 25	
Transfer:—			
Stock and labor, Water Dept.		5 21	
Total			9,682 57
Excess of expenditures over appropriation			$682 57
Transfer to this account from Detention Room			683 50
Balance relinquished to General Treasury			93

SUMMARY.	EXPENDED.
For fuel	$2,795 99
Lighting	1,671 89
Repairs	4,487 37
Supplies	562 85
Sundries	164 47
	$9,682 57

MISCELLANEOUS. (1.7)

POSTAGE AND STATIONERY.

Appropriation		$1,500 00

Department Receipts Carried to General Treasury.

For supplies:—		
Assessors' Department	$81 93	
Auditing Department	27 09	
Board of Survey	5 40	
Cemetery Department	38 42	
City Clerk's Department	131 61	
Amounts carried forward	$284 45	$1,500 00

General Administration — Continued.

POSTAGE AND STATIONERY—Concluded.

Amounts brought forward	$284 45		$1,500 00
For City Council Expenses	28 45		
City Messenger's Department	153 16		
Clerk of Committees' Department	126 54		
Election Expenses, City Clerk	231 38		
Election Expenses, Registrars of Voters	28 98		
Electrical Department	57 73		
Engineering Department	28 42		
Fire Department	22 26		
Health Department	52 67		
Inspector of Milk and Vinegar	13 06		
Law Department	38 47		
Mayor's Department	116 68		
Overseers of the Poor	78 00		
Park Department	57 41		
Police Department	35 45		
Public Library	10 00		
Sealer of Weights and Measures	4 52		
Sewer Department	15 31		
State Aid	21 80		
Street Department	106 47		
Superintendent of Buildings	21 30		
Treasury Department	40 54		
Water Department	95 74		
	$1,668 79		

EXPENDED.

For cigar bags, Stone & Forsyth		$1 00	
Postage, F. M. Small, Superintendent		1,035 00	
Stationery and office supplies:—			
Adams, Cushing & Foster	$18 16		
Fred L. Beunke	66 71		
Thomas J. Bromilow	3 00		
E. T. Bynner	3 00		
Cambridge Chronicle	9 00		
Carter's Ink Co.	4 00		
Wm. H. Claflin & Co.	8 02		
Cotton & Gould	505 99		
Geo. S. Saunders & Co.	22 08		
Smith Premier Typewriter Co.	20 90		
Sundry persons	3 10		
		663 96	
Total			1,699 96
Excess of expenditures over appropriation			$199 96
Additional appropriation			200 00
Balance relinquished to General Treasury			04

General Administration — Concluded.

MISCELLANEOUS. (1.7)

CONTINGENT FUND.

Appropriation		$8,000 00

Department Receipts Carried to General Treasury.

For execution for costs in suit against City:—	
Giles Taintor	44 28
Anonymous gift	70 00
	$114 28

Transfers from this account:—		
To Assessors' Dept., Salaries	$1,000 00	
Board of Survey	50 00	
City Council Expenses	1,000 00	
Celebration of Independence Day	161 00	
Modified Milk	1,000 00	
Park Dept., Brown Tail Moth Extermination	3,000 00	
Park Dept., Commons, Squares, etc.	1,000 00	
Park Dept., School House Grounds	200 00	
Park Dept., Shelter at Rindge Field	300 00	
Rifle Range	100 00	
Total		7,811 00
Surplus of appropriation relinquished to General Treasury		$189 00

SCHEDULE A-VIII

APPROPRIATIONS AND EXPENDITURES

NO. 2

PUBLIC SAFETY

(PROTECTION OF LIFE, HEALTH AND PROPERTY)

2. PUBLIC SAFETY (Protection of Life, Health and Property).

POLICE DEPARTMENT. (2.1)

SALARIES.

Appropriation			$150,000 00

EXPENDED.

For salaries of :—			
Chief, Frederick B. Pullen . .	$2,250 00		
Deputy Chief, Wm F. Batchelder .	1,500 00		
Chief Inspector, Patrick J. Hurley	1,400 00		
		$5,150 00	
Captains :—			
John J. McBride	$1,400 00		
James E. Murray	1,400 00		
John F. Murray	1,400 00		
		4,200 00	
Lieutenants		11,641 51	
Sergeants		6,893 25	
Patrolmen		104,059 25	
Reserve officers		4.314 00	
Drivers		5,207 50	
Matrons		741 92	
Pensioners :—			
Lothrop J. Cloyes	$1,000 00		
Mark J. Folsom	700 00		
Frederick Apel	538 50		
Edward F. Belcher	538 50		
John Coulter	265 50		
Michael A. Ginty	273 00		
Wm. H. Graves	547 50		
Henry C. Jones	538 50		
Charles C. Marston . . .	282 00		
John E. Shaughnessy . . .	270 00		
George Smyth	262 50		
		5,216 00	
Allowance to officers absent on sick leave		1,683 94	
Total			149,107 37
Surplus of appropriation			$892 63
Transfer from this account to General Expenses .			225 00
Balance relinquished to General Treasury . . .			$667 63

GENERAL EXPENSES.

Appropriation		$7,000 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For cloth, etc. . . .	$860 73
Collars	22 20
Sale of old furniture .	3 00
Court fines (2.3) . .	3,505 30
	$4,391 23

Amount carried forward . . .	$7,000 00

Public Safety—Continued.

POLICE DEPARTMENT, GENERAL EXPENSES—Continued.

Amount brought forward			$7,000 00
For auto lists :—			
Auto List Publishing Co.		$1 00	
Badges, Boston Badge Co.		7 00	
Bicycle repairs :—			
Craigie Cycle Co.	$3 65		
Owl Repair Co.	10 25		
W. L. Potter	5 60		
Wm. Read & Sons	2 00		
		21 50	
Buttons, Waterbury Button Co.		105 00	
Car tickets :—			
Boston Elevated Railway Co.		180 00	
Cash expended for food for prisoners :—			
Patrick J. Hurley	$7 75		
John J. McBride	7 07		
James E. Murray	7 73		
John F. Murray	15 15		
		37 70	
Cash expended for traveling expenses and sundries :—			
James A. Cox	$2 05		
John W. Deehan	6 15		
Patrick J. Hurley	25 30		
John J. McBride	13 70		
John F. Murray	50		
Michael Neilan	3 60		
Frederick B. Pullen	9 87		
		61 17	
Cleaning stations :—			
Julia Delaney	$21 15		
Mary Miller	96 00		
Sarah A. Williams	120 00		
		237 15	
Cloth for uniforms :—			
S Slater & Sons	$789 78		
Thomas W. Talcott	13 13		
		802 91	
Collars, O. Elliott Smith		26 30	
Combination ambulance and patrol wagon :—			
Chas. Waugh & Co.		500 00	
Cutting cloth, Hobbs & Warren Co.		2 25	
Damage to clothing :—			
Maurice P. Nelligan		6 60	
Directories, W. A. Greenough & Co.		16 00	
Amounts carried forward		$2,004 58	$7,000 00

Public Safety—Continued.

POLICE DEPARTMENT, GENERAL EXPENSES—Continued.

Amounts brought forward		$2,004 58	$7,000 00
For disinfectant and insecticide:—			
R. S. Downe	$5 00		
Wm. B. Hunt & Co.	7 02		
La-lo Manufacturing Co.	18 00		
West Disinfecting Co.	8 75		
Winchester Tar Disinfectant Co.	10 25		
		49 02	
Expenses attending convention of International Chiefs of Police:—			
Frederick B. Pullen		77 24	
Expressage and moving furniture:—			
George F. Durgin	$5 00		
Sawin's Express	3 50		
Sundry persons	1 90		
		10 40	
Firearms and repairs:—			
Wm. Read & Sons		206 44	
Furniture, furnishings and repairs:—			
Wm. Caldwell	$4 50		
Ernest W Clark	3 78		
J H. Corcoran & Co.	14 34		
W. J. Coveny & Co.	12 50		
Louis W. Cutting Co.	16 97		
S. H. Harrington	18 00		
Sundry persons	3 50		
Worcester Bros.	9 00		
		82 59	
Hardware, tools and supplies:—			
Brock Bros.	$25 82		
F. Bryant & Co.	3 30		
E. T Bynner	23 82		
Edgar Hall	3 25		
L. L. Phipps & Co.	3 30		
Arthur Redman	17 09		
W. B. Shay	2 50		
L. A Stingel	10 43		
The Teele Soap Co.	3 50		
G. H. Worcester & Co.	13 32		
Yerxa & Yerxa	14 85		
Sundry persons	4 64		
		125 82	
Harness and repairs and horse clothing:—			
Chas. E. Berry	$23 00		
M. Cavanagh	15 50		
Owen Doherty	8 00		
F. Ivers & Son	3 75		
George D. Merrill	2 50		
Wm. H. Roberts	2 50		
		55 25	
Amounts carried forward		$2,611 34	$7,000 00

Public Safety—Continued.

POLICE DEPARTMENT, GENERAL EXPENSES—Continued.

Amounts brought forward . .		$2,611 34	$7,000 00
For hay, grain and straw :—			
J. Cushing & Co.	$223 25		
Otis S. Brown & Co. . . .	236 35		
		459 60	
Horse board, Geo D. Merrill . .		150 00	
Horse clipping, Ferris & Co. . .		15 00	
Horseshoeing :—			
Wm. Balmer	$51 00		
R. Barry	48 50		
I. J. Goodhue	9 50		
John F. Gurry & Sons . . .	27 25		
Thos. Smith & Sons . . .	42 75		
		179 00	
House repairs :—			
Carpentry :—			
W. B. Shay	$25 21		
C. Mahoney	1 45		
Electrical work :—			
Wm. C. Pierce	8 44		
J. H. McAllister	2 00		
		37 10	
Ice :—			
Fresh Pond Ice Co. . . .	$43 95		
Independent Ice Co. . . .	17 00		
		60 95	
Laundry work :—			
Mrs. Annie I. Dow . . .	$21 00		
E. & R. Laundry	2 64		
Margaret McCabe	12 46		
		36 10	
Lighting :—			
Cambridge Electric Light Co. .	$315 64		
Cambridge Gas Light Co. . .	508 91		
		824 55	
Map, The Scarborough Co. . .		1 95	
Making stretchers, Warren H. Dow .		2 50	
Medicines, drugs and surgical supplies :—			
E H. Patten	$6 15		
Sundry persons	1 00		
		7 15	
Numbers, belts, clubs, etc. :—			
Raphael Masstrangialo . . .		98 33	
Painting :—			
Geo. W. Hughes	$7 00		
J. Leo McDonald	5 00		
		12 00	
Photographs and photographic supplies :—			
F. M. Ellis	$37 00		
Sundry persons	1 25		
		38 25	
Amounts carried forward . . .		$4,533 82	$7,000 00

Public Safety—Continued.

POLICE DEPARTMENT, GENERAL EXPENSES—Continued.

Amounts brought forward		$4,533 82	$7,000 00
For printing police manual :—			
Cambridge Chronicle		161 27	
Professional service and care :—			
Cambridge Hospital	$21 43		
Cambridge Relief Hospital	23 00		
Philip M. Fitzsimons, M. D.	6 00		
M. H. Richardson, M. D.	25 00		
Roswell Wetherbee, M. D.	2 00		
		77 43	
Refunds on minors' license badges		84 60	
Services as counsel :—			
Albert S. Apsey	$25 00		
Henry H. Winslow	45 00		
		70 00	
Services, drilling officers :—			
Chas. H. Cutler		62 00	
Services as interpreter :—			
W. H. Macalouski		4 00	
Services as stenographer :—			
Arthur C. Holden		2 00	
Stationery, printing and typewriter supplies :—			
Fred L. Beunke	$144 21		
Cambridge Chronicle	143 50		
Caustic-Claflin Co.	19 00		
Cotton & Gould	24 12		
J. A. Cummings Printing Co.	9 64		
Globe Stamp Works	2 50		
Library Bureau	5 00		
Sundry persons	2 76		
		350 73	
Subscriptions		5 00	
Telegrams :—			
Western Union Telegraph Co.		28 16	
Telephone service		393 97	
Transfers :—			
Heating buildings, City Building Account	$890 00		
Horse, Inspector of Animals Dept.	205 00		
Keys, Electrical Department	2 25		
Supplies, Postage and Stationery Account	35 70		
		1,132 95	
Amounts carried forward		$6,905 93	$7,000 00

Public Safety—Continued.

POLICE DEPARTMENT, GENERAL EXPENSES—Concluded.

Amounts brought forward		$6,905 93	$7,000 00
For trimmings for uniforms:—			
Miss Rose Lipp	$28 35		
Oak Hall Clothing Co	9 00		
M. Linsky & Bros.	4 62		
		41 97	
Use of horses and wagon:—			
T. W. Hillier	$2 00		
Fresh Pond Ice Co.	20 00		
G. F. Whiting & Co.	24 00		
		46 00	
Wagon repairs:—			
John J. McDonald	$3 50		
Chas. Waugh & Co.	225 29		
		228 79	
Total			7,222 69
Excess of expenditures over appropriation			$222 69
Transfer to this account from Salaries			225 00
Balance relinquished to General Treasury			$2 31

DETENTION ROOM, BRATTLE SQUARE.

Appropriation			$2,000 00
EXPENDED.			
For advertising, Cambridge Chronicle		$8 00	
Contract for building:—			
Gustavus Wilson		966 00	
Chandelier, Cambridge Brass Co.		37 00	
Electrical supplies:—			
Electric Storage Battery Co.	$213 20		
Gamewell Fire Alarm Telegraph Co.	40 00		
		253 20	
Hardware, Chandler & Barber		52 30	
Total			1,316 50
Surplus of appropriation			$683 50
Transfer from this account to City Buildings			683 50

ALTERATIONS AT STATION 4.

Appropriation			$2,000 00
EXPENDED.			
For contract for alterations:—			
John B. Byrne		$6,232 50	
Amounts carried forward		$6,232 50	$2,000 00

Public Safety—Continued.

ALTERATIONS AT STATION 4—Concluded.

Amounts brought forward	$6,232 50	$2,000 00
Contract for plumbing, Huey Bros.	562 50	
Plans, Edward T. P. Graham	125 00	
Premium for insurance :—		
Brooks & Conley	80 00	
Total		7,000 00
Excess of expenditures over appropriation		$5,000 00
Additional appropriation		5,000 00

FIRE DEPARTMENT. (2.2)

SALARIES.

Appropriation	$93,500 00

EXPENDED.

For salaries of :—			
Chief, Nathaniel W. Bunker		$2,000 00	
Assistant Chief, James M. Casey		1,500 00	
Permanent men		72,828 37	
Call men		15,892 20	
Pensioners :—			
Eliot E. Alley	$72 00		
Thomas J. Casey	999 98		
James Cunningham	84 00		
Arthur C. Day	72 00		
Benjamin D. Foss	72 00		
Wm. Haley	473 00		
James Jefferson	423 00		
John L. Jones	8 50		
Edward E. Priest	516 00		
James H. Skehan	516 00		
		3,236 48	
Total			95,457 05
Excess of expenditure over appropriation			1,957 05
Additional appropriation			2,000 00
Balance relinquished to General Treasury			$42 95

GENERAL EXPENSES.

Appropriation	$18,000 00

Department Receipts Carried to General Treasury.

For old iron	$0 90

Amount carried forward	$18,000 00

Public Safety—Continued.

FIRE DEPARTMENT, GENERAL EXPENSES—Continued.

Amount brought forward . .			$18,000 00
EXPENDED.			
For apparatus, renewals and repairs :—			
American Locomotive Co. . .	$75 00		
James M. Baker	16 00		
Chas. E. Berry	182 13		
Boston Woven Hose and Rubber Co.	1,372 35		
Campbell Iron Works Co. . .	55 21		
Crosby Steam Gage and Valve Co.	1 95		
Wm. Elliott & Co.	216 09		
G. C. Fiske	20 00		
Gould Packing Co.	6 75		
Greene & Co.	10 47		
S. D. Hicks & Son	11 15		
International Power Co . .	98 00		
Peter McMurray	20 55		
C. W. H. Moulton & Co. . .	30 00		
Joseph Palmer	34 25		
Jos. B. Rosenberger . . .	6 30		
Scrannage Bros.	10 25		
H. J. Shaw	23 12		
Chas. Waugh & Co. . . .	922 22		
		$3,111 79	
Badges, buttons, hats, etc. :—			
Charles E. Berry	$59 10		
Cambridge Novelty Co. . . .	12 90		
Scovill Manufacturing Co. . .	44 55		
		116 55	
Brooms, dusters, brushes :—			
Mass Ass'n for the Blind . .	$84 00		
Murphy, Leavens & Co. . .	44 75		
		128 75	
Carriage hire, H. K. Parsons & Co. .		5 00	
Chemicals, Cochrane Chemical Co. .		28 86	
Disinfectant, insecticide, etc. :—			
R. S. Downe	$5 00		
Winchester Tar Disinfectant Co. .	52 50		
		57 50	
Dues, Gas Consumers' Association .		9 00	
Expressage and teaming :—			
Savage & Son	$12 74		
Sundry persons	2 15		
		14 89	
Fuel :—			
Consumers' Coal Co . . .	$2,038 20		
Mass. Wharf Coal Co. . . .	260 59		
Metropolitan Coal Co. . . .	198 79		
Weighing, Charles F. Long . .	2 35		
		2,499 93	
Furniture, furnishings and bedding :—			
Wm. Caldwell	$4 52		
S H. Harrington	60 00		
Schofield & White	87 80		
Worcester Bros.	335 92		
		488 24	
Amounts carried forward . .		$6,460 51	$18,000 00

Public Safety—Continued.

FIRE DEPARTMENT, GENERAL EXPENSES—Continued.

Amounts brought forward		$6,460 51	$18,000 00
For hardware, tools and repairs, and supplies :—			
Brock & Eaton	$32 07		
E. T. Bynner	111 64		
Cambridge Hardware Co.	24 10		
Casey, Bigley & Co.	62 50		
Peter Gray & Sons	3 00		
J. A. Holmes & Co.	87 77		
H. N. Hovey & Co.	5 85		
Moynahan & Co.	6 25		
Herbert L. Rose	3 00		
A. J. Wilkinson & Co.	7 83		
James H. Wyeth & Co.	5 18		
Sundry persons	3 35		
		352 54	
Harness and repairs and horse clothing :—			
Harvard Harness Store	$20 20		
M. Cavanagh	19 40		
James Curry	9 70		
Owen Doherty	13 80		
Wm. H. Roberts	124 50		
		187 60	
Hay, grain and straw, etc. :—			
J. Cushing & Co.	$3,305 66		
Eclipse Animal Food Co.	21 25		
H. P. McLaughlin & Co.	1,684 23		
John E. Ryan	1 50		
		5,012 64	
Horses :—			
Fresh Pond Ice Co.	$150 00		
W. F. Trephagen	375 00		
Welch & Hall Co.	890 01		
		1,415 01	
Horse clipping, Ferris & Co.		3 00	
Horseshoeing :—			
Wm. Balmer	$62 00		
R. Barry	128 00		
J. A. Bolger	133 00		
Stephen H. Burdick	12 25		
Clifford Bros.	7 00		
Geo. W. Doak	51 63		
W. F. Garrett	169 50		
I. J. Goodhue	15 50		
Wm. M. Gordon	60 95		
John F. Gurry	58 25		
T. Hickey	130 75		
D. F. McCarthy & Co.	80 75		
Bernard Smith	73 75		
Thos. Smith & Sons	90 25		
		1,073 58	
Amounts carried forward		$14,504 88	$18,000 00

Public Safety—Continued.

FIRE DEPARTMENT, GENERAL EXPENSES—Concluded

Amounts brought forward . .		$14,504 88	$18,000 00
For ice:—			
Cambridge Ice Co.	$26 00		
Fresh Pond Ice Co. . . .	39 00	65 00	
Insignias, B. Goldsmith . . .		19 00	
Laundry work, F. L. Churchill . .		227 41	
Lighting:—			
Cambridge Electric Light Co. .	$365 50		
Cambridge Gas Light Co. . .	518 66	884 16	
Liniment, D. A. Harrington . .		5 00	
Oil, polish, etc.:—			
J. Wesley Edmonds & Son . .	$122 40		
Standard Oil Co.	97 44	219 84	
Shavings, C. W. H. Moulton & Co. .		44 00	
Soap and powder:—			
J. C. Davis Soap Co. . . .	$100 50		
Teele Soap Co.	32 00	132 50	
Sponges, Leousi, Clonney & Co. .		69 11	
Stationery, printing, etc.:—			
Cambridge Chronicle . . .	$13 75		
J. A. Cummings Printing Co. .	13 55		
J. L. Fairbanks & Co. . . .	2 25	29 55	
Telephone service		33 18	
Torches:—			
Masten & Wells Fireworks Mfg. Co.		17 50	
Transfers:—			
Heating buildings, City Building Account	$375 00		
Horses, Inspector of Animals Dept.	530 00		
Supplies, Postage and Stationery Account	16 56	921 56	
Use of horses:—			
James Culhane	$10 00		
Fresh Pond Ice Co. . . .	146 00		
John Herlihy . . - . .	25 00		
John M. Riley	30 00		
E. L. Sullivan	2 00		
John Williams	14 00	227 00	
Total			17,399 69
Surplus of appropriation			$600 31
Transfer from this account to Repairs to Buildings .			600 00
Balance relinquished to General Treasury . . .			31

Public Safety—Continued.

FIRE DEPARTMENT.

REPAIRS TO BUILDINGS.

Appropriation			$2,000 00
EXPENDED.			
For carpentry :—			
Alfred Allcock	$1,461 14		
John Quin & Son	157 28		
		$1,618 42	
Heating apparatus and repairs :—			
Cambridge Hardware Co.	$5 15		
Greene & Co.	10 17		
J. A. Hunter	2 00		
Laskey, Whitten & Jackson	77 00		
Moynahan & Co.	1 25		
		95 57	
Lumber, Geo. W. Gale Lumber Co.		98 86	
Painting, Geo. E. Sawyer & Co.		440 49	
Plumbing and drain work :—			
Samuel McCulloch	$21 25		
Herbert L. Rose	68 72		
Joseph B. Rosenberger	3 00		
		92 97	
Roof repairs, John J. Blevins		253 27	
Total			2,599 58
Excess of expenditure over appropriation			$599 58
Transfer from General Expenses to this account			600 00
Balance relinquished to General Treasury			42

FIRE AND POLICE TELEGRAPH. (2.2a)

ELECTRICAL DEPARTMENT, WIRE ACCOUNT.

SALARIES.

Appropriation		$7,000 00
EXPENDED.		
For salaries of :—		
Inspector of Wires, T. C. O'Hearn	$1,000 00	
Instrument-man, J. H. McAllister	1,215 71	
Lineman, Arthur Jewell	1,110 00	
Lineman, W. A. Pennock	951 43	
Ground-man, John O'Hearn	845 71	
Operator, Wilmot Kay	951 43	
Operator, F. J. Lehan	665 00	
Operator, D. J. Campbell	792 86	
Operator, John H. Mahoney	132 86	
Battery-man, F. X. Flynn	740 00	
Clerk, W. H. Sheridan	311 25	
Amounts carried forward	$8,716 25	$7,000 00

Public Safety—Continued.

ELECTRICAL DEPARTMENT, WIRE ACCOUNT, SALARIES—Concluded.

Amounts brought forward . .	$8,716 25	$7,000 00
For allowance for overtime:—		
Frank S. Johnson	6 00	
Total		8,722 25
Excess of expenditures over appropriation . . .		$1,722 25
Additional appropriation		1,750 00
Balance relinquished to General Treasury . . .		$27 75

GENERAL EXPENSES.

Appropriation	$4,500 00

Department Receipts Carried to General Treasury.

For fire alarm keys . .	$2 25
Sale of old material .	137 33
	$139 58

EXPENDED.

For apparatus and repairs and electrical supplies:—			
American Steel & Wire Co. . .	$372 02		
Braman, Dow & Co. . . .	20 88		
G. H. Buckminster & Co. . .	80 10		
Clark & Mills Electrical Co. . .	106 37		
Cochrane Chemical Co. . . .	20 93		
Codman & Shurtleff . . .	6 40		
Columbia Bicycle Agency . .	54 71		
Crosby Steam Gage & Valve Co. .	24 35		
T. J. Daly	3 60		
Dunton & Field	8 44		
Edes Manufacturing Co. . .	69 46		
Electric Goods Mfg Co. . .	232 26		
Electric Storage Battery Co. . .	12 25		
F. M. Ferrin	90 50		
Gamewell Fire Alarm Telegraph Co.	823 74		
Homer F. Livermore . . .	17 85		
Charles E. Perry & Co. . . .	105 01		
Pettingell-Andrews Co. . . .	136 81		
Thomas Powers	37 95		
Frank Ridlon Co.	3 00		
Simplex Electrical Co. . . .	149 08		
Sundry persons	5 65		
		$2,381 36	
Car tickets:—			
Boston Elevated Railway Co. .		75 00	
Amounts carried forward . . .		$2,456 36	$4,500 00

Public Safety—Continued.

ELECTRICAL DEPARTMENT, WIRE ACCOUNT, GENERAL EXPENSES—Continued.

Amounts brought forward		$2,456 36	$4,500 00
For expressage :—			
American Express Co.	$2 45		
Danehy's Express	28 81		
Sawin's Express	2 80		
Sundry persons	3 55		
		37 61	
Gasoline torch, Sievert Torch Co.		7 00	
Gloves :—			
C. J. Bailey & Co.	$31 20		
Hamblet & Hayes Co.	9 00		
		40 20	
Hardware, tools and repairs and supplies :—			
Boston Woven Hose and Rubber Co.	$5 80		
Brock Bros.	56 48		
Edwin R Sage	9 12		
A. J. Wilkinson & Co.	19 37		
Sundry persons	1 75		
		92 52	
Harness and repairs and horse clothing :—			
Harvard Harness Store		31 95	
Horse board, John J. Corkery		600 00	
Horseshoeing, Wm. Balmer		73 00	
Ladder, C. W. H. Moulton & Co.		13 50	
Laundry work, F. L. Churchill		15 29	
Lighting :—			
Cambridge Electric Light Co.		16 84	
Lumber and mill work, Ira G. Hersey		60 20	
Lunches, sundry persons		3 20	
Oil, paints, etc., W. J. Edwards		13 21	
Stationery, printing and office supplies :—			
Amee Bros.	$1 25		
Cambridge Co-operative Press	32 00		
J. A. Cummings Printing Co.	5 60		
J. Frank Facey	68 84		
Globe-Wernicke Co.	6 00		
John Underwood & Co.	4 75		
		118 44	
Steam for whistle, A. H. Hews & Co.		200 00	
Sundries		4 45	
Telegraph keys, J. H. Bunnell & Co.		7 00	
Telephone service		170 03	
Towels, J. H. Corcoran & Co.		6 83	
Traveling expenses, T. C O'Hearn		19 50	
Use of horses, sundry persons		3 00	
Wagon (new), Chas. Waugh & Co.		365 00	
Amounts carried forward		$4,355 13	$4,500 00

Public Safety—Continued.

ELECTRICAL DEPARTMENT, WIRE ACCOUNT, GENERAL EXPENSES—Concluded.

Amounts brought forward		$4,355 13	$4,500 00
For wagon and carriage repairs :—			
Thomas McMahon	$4 00		
M. J. O'Hara	7 00		
		11 00	
Transfers :—			
Heating buildings, City Building Account	$100 00		
Supplies, Postage and Stationery Account	33 86		
		133 86	
Total			4,499 99
Surplus of appropriation relinquished to General Treasury			01

HEALTH DEPARTMENT. (2.4)

SALARIES.

Appropriation	$12,930 00

EXPENDED.

For salaries of :—			
Medical Inspector and Physician to Board, Edwin Farnham, M. D.		$3,000 00	
Clerk, James B. Soper		1,200 00	
Secretary, Grace E. Wyeth		800 00	
Sanitary Inspectors :—			
John A. Jackson	$1,000 00		
Chas. A. Lincoln	1,000 00		
		2,000 00	
Inspector of Provisions :—			
Joseph L. Johnson		1,154 92	
Plumber, John McCormick		1,000 00	
Driver, Richard M. O'Brien		950 00	
Bacteriologist, Allan F. Barnes, M.D.		1,080 00	
School Inspectors :—			
F. J. Barnes, M. D.	$100 00		
Wm. H. Burke, M. D	88 77		
Wm. H. Clancy, M. D.	200 00		
John F. Fair, M. D.	100 00		
Chas. P. Feeley, M. D.	200 00		
Wm. E. Fleet, M. D.	200 00		
C. M. Hutchinson, M. D.	200 00		
T. J. Leahy, M. D.	200 00		
E. A. McCarthy, M. D.	100 00		
Amounts carried forward	$1,388 77	$11,184 92	$12,930 00

Public Safety—Continued.

HEALTH DEPARTMENT, SALARIES—Concluded.

Amounts brought forward . .	$1,388 77	$11,184 92	$12,930 00
For A. Moll, M. D.	100 00		
John P. Nelligan M. D. . . .	200 00		
		1,688 77	
Total			12,873 69
Surplus of appropriation relinquished to General Treasury			$56 31

GENERAL EXPENSES.

Appropriation	$7,000 00

Department Receipts Carried to General Treasury.

For care of sick:—	
Com. of Massachusetts .	$594 28
City of Boston . .	289 28
City of Medford . .	47 14
City of Salem . .	47 14
City of Somerville . .	51 42
Town of Hyde Park .	25 71
Sundry persons . .	38 57
	$1,093 54

EXPENDED.

For advertising:—			
Cambridge Chronicle . . .	$18 75		
Cambridge Sentinel Publishing Co.	16 00		
Cambridge Tribune . . .	23 00		
Times Publishing Co. . . .	16 00		
		$73 75	
Blankets, J. H. Corcoran & Co. .		12 50	
Board and treatment:—			
Cambridge Hospital . . .	$2,622 92		
New York Pasteur Institute . .	524 50		
		3,147 42	
Boxes, signs, etc.:—			
J. L. P. Ackers	$14 00		
W. H. Norris	22 67		
Place Box Co.	60 50		
		97 17	
Carriage hire:—			
Soden Street Stable . . .	$24 00		
B. S. Walker	22 00		
G. F. Whiting & Co. . . .	45 00		
Sundry persons	6 50		
		97 50	
Car tickets:—			
Boston Elevated Railway Co. .		500 00	
Amounts carried forward . . .		$3,928 34	$7,000 00

Public Safety—Continued.

HEALTH DEPARTMENT, GENERAL EXPENSES—Continued.

Amounts brought forward . .		$3,928 34	$7,000 00
For cash expended for burying animals :—			
Edwin Farnham, M. D. . . .		149 25	
Dentistry on horse, C. B. Fagan .		3 00	
Directory, W. A. Greenough & Co. .		4 00	
Expressage :—			
American Express Co. . . .	$5 80		
P. Biggin	3 00		
Sundry persons	1 90	10 70	
Hardware, tools and supplies :—			
Brock Bros.	$4 85		
E. T. Bynner	26 56		
Yerxa & Yerxa	4 00		
Sundry persons	4 39	39 80	
Harness and repairs, and horse clothing :—			
M. Cavanagh		24 50	
Horse board and storage of ambulance :—			
I. J. Goodhue	$276 50		
G. F. Whiting & Co. . . .	61 00	337 50	
Horseshoeing :—			
W. F. Garrett	$6 00		
John F. Gurry	48 00		
I. J. Goodhue	8 00	62 00	
Ice, Cambridge Ice Co. . . .		8 40	
Medical aid :—			
City of Boston	$727 88		
City of Newton	48 21		
City of Somerville	407 83	1,183 92	
Medical apparatus and supplies :—			
Billings & Stover	$696 65		
J. A. & W. Bird & Co. . . .	65 80		
John R Fallon	108 53		
Peter Gray & Sons	5 00		
L. E. Hubbard	1 49		
W. B. Hunt Co.	4 06		
Albert E. Lynch & Co. . . .	10 25		
Schlegel & Fottler Co. . . .	2 00		
F. H. Thomas Co.	30 09	923 87	
Medicines, drugs, etc. :—			
Geo. A. Miller		31 10	
Professional services :—			
Geo. E. Sherman, M. D. . .		32 40	
Amounts carried forward . . .		$6,738 78	$7,000 00

Public Safety—Continued.

HEALTH DEPARTMENT, GENERAL EXPENSES—Concluded.

Amounts brought forward . .		$6,738 78	$7,000 00
For removing rubbish and cleaning grounds of Small-pox Hospital:—			
John B. Griffin		25 00	
Repairs to sanitaries:—			
O. C. Lougee & Co. . . .	$31 50		
Herbert L. Rose	3 35		
		34 85	
Serving notices:—			
John F. Kelley, Treasurer . .	$8 68		
T. M. Sheehan	4 24		
Sundry persons	2 85		
		15 77	
Services as care-taker of Small-pox Hospital:—			
John B. Griffin		64 28	
Stationery, printing and office supplies:—			
Cambridge Chronicle . . .	$43 25		
Caustic-Claflin Co.	175 00		
Cotton & Gould	13 00		
J. A. Cummings Printing Co. .	18 56		
H. C. Dimond & Co. . . .	11 05		
J. Frank Facey	9 00		
J. L. Fairbanks & Co. . . .	5 04		
Stearns & Henderson . . .	2 00		
Sundry persons	3 70		
		280 60	
Sundries		7 12	
Telephone service		187 01	
Transportation and care of children taken to Pasteur Institute:—			
Wm. E. Fleet, M. D. . . .	$73 00		
Frederick B. Pullen . . .	24 50		
James B. Soper	13 00		
C. T. Weeks, M. D. . . .	29 15		
		139 65	
Wagon repairs:—			
E. Goodwin	$9 10		
Charles Waugh & Co. . . .	138 45		
		147 55	
Transfer:—			
Supplies, Postage and Stationery Account		46 68	
Total			7,687 29
Excess of expenditures over appropriation . . .			$687 29
Additional appropriation			700 00
Balance relinquished to General Treasury . . .			$12 71

Public Safety—Continued.

HEALTH DEPARTMENT—Continued.

DIPHTHERIA HOSPITAL.

Appropriation				$8,000 00
EXPENDED.				
For salary of physician :—				
David C. Dow, M. D.		$1,200 00		
Matron, Mildred Sanborn		720 00		
Nurses :—				
Alice Hawkins	$480 00			
Melinda Hodgins	480 00			
Olive Inch	480 00			
Minnie Simpson	480 00			
		1,920 00		
House-man, James Reagan		730 00		
Cook, Cassie Short		312 86		
House-servant, Clara Flynn		260 71		
Laundresses :—				
Minnie Brattin	$235 72			
Annie Wallace	77 14			
		312 86		
			$5,456 43	
Charts, Sellar Surgical Co.			2 50	
Expressage and teaming :—				
Sundry persons			4 25	
Fuel :—				
Consumers' Coal Co.		$123 85		
Massachusetts Wharf Coal Co.		123 99		
Frank A. Teele		9 90		
			257 74	
Furniture, furnishings and household supplies :—				
James Grant & Co.		$4 00		
Jordan, Marsh Co.		41 57		
Paine Furniture Co.		54 60		
			100 17	
Hardware and supplies :—				
Brock & Eaton		$69 12		
J. H. & J. P. Thayer & Co.		2 40		
			71 52	
Ice, Fresh Pond Ice Co.			93 94	
Lighting, Cambridge Gas Light Co.			88 05	
Manure, James Shea			5 00	
Medical and surgical apparatus and supplies :—				
American Oxygen Association		$10 00		
J. Frank Gear		2 96		
Griswoldville Manufacturing Co.		33 78		
Albert W. Kidder		5 25		
Geo. A. Miller		39 78		
John A. E. Sellar		2 50		
Albert E. Lynch & Co.		27 40		
			121 67	
Amounts carried forward			$6,201 27	$8,000 00

Public Safety—Continued.

HEALTH DEPARTMENT, DIPHTHERIA HOSPITAL—Concluded.

Amounts brought forward		$6,201 27	$8,000 00
For professional services :—			
A. W. Dudley, M. D		5 00	
Subsistence supplies :—			
John B Griffin	$37 61		
G P. O'Brien	142 51		
Robert E. Printon	262 12		
Arthur Ward	513 39		
S. Woolley	194 88		
Yerxa & Yerxa	762 19		
		1,912 70	
Telephone service		47 15	
Total			8,166 12
Excess of expenditure over appropriation			$166 12
Additional appropriation			200 00
Balance relinquished to General Treasury			$33 88

REPAIRS TO BUILDING.

Appropriation			$500 00

EXPENDED.

For carpentry, W. H. Norris		$160 00	
Painting, papering, etc. :—			
W. J Edwards	$200 00		
J. H. & J. P. Thayer & Co.	66 61		
		266 61	
Total			426 61
Surplus of appropriation relinquished to General Treasury			$73 39

SMALL-POX HOSPITAL.

Appropriation		$300 00

EXPENDED.

For salary of care-taker, John B. Griffin	$259 29	
Oil, etc., E P. Clark	6 00	
Snow shovel, E. T. Bynner	50	
Land and damage, Julian Dorso	2,500 00	
Examining titles, Wm. V. Thompson	25 00	
Total		2,790 79
Excess of expenditure over appropriation		$2,490 79
Additional appropriation		2,500 00
Balance relinquished to General Treasury		$9 21

Public Safety—Continued.

HEALTH DEPARTMENT—Continued.

INSPECTOR OF MILK AND VINEGAR.

SALARIES.

Appropriation		$1,700 00

EXPENDED.

For salaries of :—		
Inspector, Albert P. Norris	$1,000 00	
Deputy, Clemence J. Hogan	686 84	
Assistant, Randolph N. Shreve	52 00	
Total		1,738 84
Excess of expenditure over appropriation		$38 84
Transfer to this account from General Expenses		$38 84

GENERAL EXPENSES.

Appropriation			$300 00

EXPENDED.

For apparatus and repairs and supplies :—			
Baker & Co.	$31 72		
Bausch & Lomb Optical Co.	3 24		
John R. Fallon	9 20		
Peter Gray & Sons	2 30		
E. & F. King & Co.	16 05		
L. E. Knott Apparatus Co	3 40		
Theodore Metcalf Co.	5 08		
J. W. Staniford & Co.	4 50		
Whitall-Tatum Co.	35 55		
Sundry persons	6 62		
		$117 66	
Car tickets :—			
Boston Elevated Railway Co.		60 00	
Cash expended for sundries :—			
Albert P. Norris		2 95	
Expressage, sundry persons		3 60	
Glass, Standard Plate Glass Co.		3 00	
Stationery and printing :			
Cambridge Chronicle	$42 50		
J. A. Cummings Printing Co.	9 54		
		52 04	
Tags, Dennison Manufacturing Co.		10 00	
Transfer :—			
Supplies, Postage and Stationery Account		11 61	
Total			260 86
Surplus of appropriation			$39 14
Transfer from this account to Salaries			38 84
Balance relinquished to General Treasury			30

Public Safety—Continued.

HEALTH DEPARTMENT—Continued.

MODIFIED MILK.

Appropriation transferred from Contingent Fund	$1,000 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For sale of milk	$535 16

EXPENDED.

For apparatus and installing :—			
Brock Bros.	$4 17		
Cambridge Gas Light Co.	4 50		
Chadwick & Carr Co.	5 20		
C. L. Flaccus Glass Co.	7 50		
Higgins & Co.	4 60		
Houghton & Dutton	25 17		
S. J. Kelley & Son	11 75		
Kingston-Hall Co.	20 00		
L. E. Knott Apparatus Co.	2 45		
George H Mason Co.	2 25		
Theodore Metcalf Co.	2 25		
C. B. Moller	7 00		
Moore & Hadley	75 23		
Morss & Whyte Co.	36 00		
George G. Page Box Co.	9 09		
Whitall-Tatum Co.	73 73		
Sundry persons	5 00		
		$295 89	
Car tickets :—			
Boston Elevated Railway Co.		10 00	
Cash expended for sundries :—			
Sundry persons		1 84	
Delivery of milk :—			
I. J Goodhue	$122 75		
David T. Johnston	4 00		
		126 75	
Freight and expressage :—			
Sawin's Express	$3 04		
H. E. Sawin's Express	1 35		
Sundry persons	1 40		
		5 79	
Gas, Cambridge Gas Light Co.		11 43	
Ice, Fresh Pond Ice Co.		11 99	
Milk, cream, lime water and sugar :—			
Charles Cahill	$494 80		
J. A. Holmes & Co.	9 95		
Wm. B. Hunt & Co.	2 50		
Theodore Metcalf Co.	8 75		
A. P. Norris	6 60		
Reeves Bros.	35		
		522 95	
Printing and stationery :—			
John H. Hezlitt	$3 00		
H. O. Houghton & Co.	16 43		
		19 43	
Amounts carried forward		$1,006 07	$1,000 00

Public Safety—Continued.

HEALTH DEPARTMENT, MODIFIED MILK—Concluded.

Amounts brought forward . .		$1,006 07	$1,000 00
Services of nurses in milk distribution :—			
Cambridge School of Nursing .	$150 00		
Cambridge Visiting Nursing Assoc.	150 00		
		300 00	
Signs and hanging, Cambridge Sign Co.		10 00	
Washing bottles, sundry persons .		22 30	
Total			1,338 37
Excess of expenditures over appropriation			$338 37
Additional appropriation			535 16
Balance relinquished to General Treasury . . .			$196 79

INSPECTOR OF ANIMALS.

Appropriation			$800 00

EXPENDED.

For salary of inspector :—			
C. E. Hadcock		$700 00	
Medicine and drugs :—			
Frank N. Abare	$2 75		
Walter A. Claflin	13 40		
A. Cunningham Drug Co. . .	68 44		
H. F. Hawthorne	5 00		
Theodore Metcalf Co. . . .	9 60		
		99 19	
Total			799 19
Surplus of appropriation relinquished to General Treasury			81

PURCHASE OF HORSES.

Appropriation		$6,440 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For horses :—		
Wm. Balmer . . .	$50 00	
Welch & Hall . . .	223 98	
Fire Department . .	530 00	
Police Department . .	205 00	
Sealer of Weights and Measures . . .	84 60	
Street Department . .	5,260 00	
Water Department . .	86 42	
	$6,440 00	
Amount carried forward . .		$6,440 00

Public Safety—Continued.

INSPECTOR OF ANIMALS, PURCHASE OF HORSES—Concluded.

Amount brought forward			$6,440 00
EXPENDED.			
For expressage, American Express Co.		$250 00	
Horses, M. Newgass & Son.		6,100 00	
Traveling expenses, Chas E. Hadcock		90 00	
Total			$6,440 00

INSPECTORS. (2.6)

SUPERINTENDENT OF BUILDINGS.

SALARIES.

Appropriation			$6,100 00
EXPENDED.			
For salaries of :—			
Supt. of Buildings, Thos. F. Tracy		$2,000 00	
Inspectors :—			
J. W. Emery	$1,200 00		
W. A. Ford	1,200 00		
L. D. Garfield	1,200 00		
		3,600 00	
Clerk, Wm. H. Sheridan		570 75	
Total			6,170 75
Excess of expenditure over appropriation			$70 75
Transfer to this account from General Expenses			71 00
Balance relinquished to General Treasury			25

GENERAL EXPENSES.

Appropriation			$900 00
EXPENDED.			
For bag, Brock Bros.		$2 50	
Care and repair of tower clocks :—			
First Baptist Church	$39 00		
A. K. Jones	52 00		
J. B. Mace	26 00		
A. S. Thayer	37 50		
		154 50	
Car tickets :—			
Boston Elevated Railway Co.		200 00	
Clothing, G C. W. Fuller		2 00	
Directory, W. A. Greenough & Co.		4 00	
Electrical supplies :—			
Clark & Mills Electrical Co.		2 45	
Amounts carried forward		$365 45	$900 00

Public Safety—Continued.

SUPERINTENDENT OF BUILDINGS, GENERAL EXPENSES—Concluded.

Amounts brought forward		$365 45	$900 00
For expressage, sundry persons		3 35	
Harness and repairs :—			
Harvard Harness Store		38 05	
Horse board, T. W. Hillier & Co.		126 25	
Horse dentistry, W. H. Broderick		2 00	
Horseshoeing :—			
J. A. Bolger	$36 75		
Wm. Roach	7 50		
		44 25	
Map, The Scarborough Co.		1 95	
Photographs :—			
W. H. Lertora	$4 00		
H. W. Tupper	9 00		
		13 00	
Stationery, printing and office supplies :—			
C. S. Binner Corporation	$7 00		
Cotton & Gould	24 25		
J. A. Cummings Printing Co.	16 99		
H. C. Dimond & Co.	5 83		
J. Frank Facey	93 25		
Federal Engraving & Publishing Co.	7 66		
Ledder & Probst	50		
Chas. H. Thurston	4 00		
		159 48	
Telephone service		50 57	
Transfer :—			
Supplies, Postage and Stationery Account		20 76	
Total			825 11
Surplus of appropriation			$74 89
Transfer from this account to Salaries			71 00
Balance relinquished to General Treasury			$3 89

PLUMBERS' EXAMINERS DEPARTMENT.

Appropriation		$150 00

EXPENDED.

For examination of applicants for plumbers' licenses :—		
John T. Phelan	$148 68	
Total		148 68
Surplus of appropriation relinquished to General Treasury		$1 32

Public Safety—Continued.

SEALER OF WEIGHTS AND MEASURES.

SALARIES.

Appropriation			$2,300 00

EXPENDED.

For salaries of :—			
Sealer of Weights and Measures :—			
George H. Dinan		$1,162 72	
Deputy, John C. Connors		900 00	
Assistants :—			
Maurice E. Boland	$38 40		
John T. Costello	13 20		
Francis J. McCarron	128 10		
Edward H. McCarron	20 10		
		199 80	
Total			2,262 52
Surplus of appropriation			$37 48
Transfer from this account to General Expenses			37 28
Balance relinquished to General Treasury			20

GENERAL EXPENSES.

Appropriation			$400 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For fees for sealing	$687 24
Weighers' fees	64 86
	$752 10

EXPENDED.

For acid, Malden Specialty Co.		$17 50	
Equipment :—			
Balances, The Fairbanks Co.	$2 25		
Books, Caustic-Claflin Co.	9 00		
Brands, John J. McGirney	5 25		
Hardware, Brock & Eaton	4 80		
Measures, The Watts Rule Co.	1 50		
Repairing dies, stamps, etc., H. C. Dimond & Co.	15 11		
		37 91	
Repairing sign damaged by runaway horse, Cambridge Sign Co.		16 00	
Horse clipping, Fred D. Norton		2 50	
Horseshoeing, Wm. Roach		2 00	
Amounts carried forward		$75 91	$400 00

Public Safety—Continued.

SEALER OF WEIGHTS AND MEASURES, GENERAL EXPENSES—Concluded.

Amounts brought forward . .		$75 91	$400 00
For office expenses:—			
Advertising, Cambridge Chronicle .	$8 75		
Car tickets, Boston Elevated Railway Co.	20 00		
Directory, W. A. Greenough & Co.	4 00		
Electrical work, Thomas J. Daly .	1 33		
Expressage, sundry persons . .	1 80		
Printing, J. A. Cummings Ptg. Co.	7 05		
Stationery, Caustic-Claflin Co. .	5 50		
Telephone service	22 90		
Typewriting, Helen C. Littlefield .	3 50		
		74 83	
Wagon and harness repairs:—			
Burton & McCannon . . .	$6 00		
Owen Doherty	11 75		
Harvard Harness Store . . .	1 50		
		19 25	
Transfers:—			
Horse, Inspection of Animals Dept.	$84 60		
Horseshoeing, Street Department .	9 80		
Horse board, Street Department .	216 00		
Office supplies, Postage and Stationery Account	4 52		
		314 92	
Total			484 91
Excess of expenditure over appropriation			$84 91
Additional appropriation		$48 00	
Transfer to this account from Salaries		37 28	
			85 28
Balance relinquished to General Treasury . . .			37

MILITIA AND ARMORIES. (2.7)

RIFLE RANGE.

Appropriation		$600 00

EXPENDED.

For use of targets:—		
Bay State Military Rifle Association	$692 07	
Total		692 07
Excess of expenditure over appropriation . . .		$92 07
Transfer to this account from Contingent Fund . .		100 00
Balance relinquished to General Treasury . . .		$7 93

Public Safety—Concluded.

MILITIA AND ARMORIES—Concluded.

CAR TICKETS TO AND FROM RIFLE RANGE.

Appropriation			$650 00
EXPENDED.			
For car fares :—			
Charles W. Facey, Captain Company B, Fifth Regiment	$161 02		
Wm J Greene, Captain Company E, Eighth Regiment	163 92		
Harris G. Lindh, Lieutenant Company C, Eighth Regiment	162 50		
H. E. Lombard, Lieutenant Company C, Sixth Regiment	162 44		
		$649 88	
Total			649 88
Surplus of appropriation relinquished to General Treasury			12

SCHEDULE A-VIII

APPROPRIATIONS AND EXPENDITURES

NO. 3

PUBLIC CHARITY

3. PUBLIC CHARITY.

HOSPITALS. (3.1)

CITY HOME HOSPITAL.

Appropriation	$1,500 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For board and care	$544 91

EXPENDED.

For services of :—			
Nurse, Caroline E. Fandel	$589 14		
Attendant, Jennie Cameron	9 29		
Attendant, Laura T. Crawford	251 40		
Cleaner, Rose Gilbert	104 00		
		$953 83	
Fuel :—			
Consumers' Coal Co.	$33 12		
Mass. Wharf Coal Co.	95 20		
		128 32	
Furniture, furnishings and household supplies :—			
E. T. Bynner	$2 88		
Wm. Caldwell	49 46		
F. A. Colburn	3 50		
J. H. Corcoran & Co.	19 75		
A. Lubbe	12 00		
F. X. Massé	4 40		
		91 99	
Lighting, Cambridge Elec. Light Co.		75 00	
Medical and surgical apparatus and supplies :—			
Carpenter-Morton Co.	$2 30		
Farley, Harvey & Co.	23 70		
Geo. C. Gardiner	23 40		
C. H. Goldthwaite & Co.	4 85		
Robert Josselyn	17 51		
Samuel H. Talbot	164 12		
Warren F. Witherell Co.	8 00		
		243 88	
Plumbing, J. E. Brouillard		2 90	
Subsistence supplies :—			
Boyd, Dalton & Co.	$3 60		
Chas. F. Wood	36 88		
		40 48	
Washing machine, Butler's laundry		50 00	
Windows, A. W. Hastings & Co.		13 50	
Total			1,599 90
Excess of expenditures over appropriation			$99 90
Additional appropriation			100 00
Balance relinquished to General Treasury			10

Public Charity—Continued.

ALMSHOUSES. (3.4)

CITY FARM, LABOR.

Appropriation		$4,100 00

EXPENDED.

For labor on farm :—		
Farmer, James Walsh	$781 25	
Sundry employees	3,218 60	
Total		3,999 85
Surplus of appropriation		$100 15
Transfer from this account to Supplies		100 00
Balance relinquished to General Treasury		15

SUPPLIES.

Appropriation			$875 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For sale of farm products	$5,209 65

EXPENDED.

For blankets, F. X. Massé		$10 75	
Creosote, Samuel Cabot		11 25	
Hardware, tools and supplies :—			
Jos. Breck & Sons, Corporation	$67 12		
E. T. Bynner	38 47		
Carpenter-Morton Co.	13 25		
		118 84	
Harness repairs, M. Cavanagh		5 45	
Hay, grain and straw :—			
Clark Bros	$278 05		
Arthur F. Coolidge	24 08		
C. Edgar Wheeler	40 95		
		343 08	
Horseshoeing, Wm. Balmer		21 25	
Lumber, Geo. W. Gale Lumber Co.		108 96	
Manure, Jos. Breck & Sons, Corp.		21 00	
Pigs :—			
Arthur F. Coolidge	$32 00		
E. A. Muller	48 00		
		80 00	
Removing nests of brown tail moth :—			
Michael Sullivan		50 00	
Rent, Mercantile Wharf Corporation		40 00	
Seeds, plants, etc. :—			
Schlegel & Fottler Co.		121 62	
Amounts carried forward		$932 20	$875 00

Public Charity—Continued.

CITY FARM, SUPPLIES — Concluded.

Amounts brought forward	$932 20	$875 00
For wagon repairs, T. H. Kneeland	35 15	
Windows, A. W. Hastings & Co.	4 65	
Transfer:—		
Removing nests of brown tail moth, Park Department	3 00	
Total		975 00
Excess of expenditures over appropriation		$100 00
Transfer to this account from Labor		100 00

CITY HOME, SALARIES.

Appropriation		$7,740 00

EXPENDED.

For salaries of:—		
Superintendent, Chas. E. Goodrow	$1,500 00	
Assistant Superintendent, Samuel F. Norris	782 85	
Sundry house employees	5,356 03	
Organist, Carrie M. Walker	100 00	
Total		$7,738 88
Surplus of appropriation relinquished to General Treasury		$1 12

GENERAL EXPENSES.

Appropriation		$12,000 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For barrels	$23 67
Board	807 96
Grease and bones	37 64
Junk	1 52
	$870 79

EXPENDED.

For advertising:—			
Cambridge Chronicle	$7 00		
Globe Newspaper Co.	9 45		
		$16 45	
Boots, shoes and repairs:—			
Hyams & Co.	$29 09		
F. X. Massé	174 74		
A. L. Mottla	27 35		
		231 18	
Amounts carried forward		$247 63	$12,000 00

Public Charity—Continued.

CITY HOME, GENERAL EXPENSES—Continued.

Amounts brought forward		$247 63	$12,000 00
For bricks, Parry Brick Co.		10 00	
Burials, Horace D. Litchfield		63 80	
Car tickets:—			
Boston Elevated Railway Co.		90 00	
Cash expended, C. E. Goodrow:—			
Cash to inmates	$98 00		
Lodging, Hotel Royal	4 50		
Services of clergymen	62 00		
Zion's Herald	2 50		
		167 00	
Cleaning, Vacuum Cleaner Co.		15 00	
Clothing, dry goods and bedding:—			
Farley, Harvey & Co.	$297 27		
Frederick Gray Co.	54 20		
Mass State Prison	30 00		
F. X. Massé	134 20		
Walker, Stetson Co.	172 84		
		688 51	
Directory, W. A. Greenough & Co.		4 00	
Disinfectant and insecticide:—			
R. S. Downe	$5 00		
West Disinfecting Co.	22 50		
Winchester's Tar Disinfectant Co.	17 25		
		44 75	
Expressage:—			
Danehy's North & Old Cambridge Express		35 21	
Flag, Henry A. Wheeler & Co.		5 95	
Fuel:—			
Consumers' Coal Co.	$727 61		
Alexander Chiasson	13 50		
		741 11	
Furniture, furnishings and repairs and household supplies:—			
Brock Bros.	$58 79		
Butler's Laundry	77 95		
Wm. Caldwell	162 78		
F. A Colburn	4 50		
A. Lubbe	71 24		
F. X. Massé	15 73		
Sundry persons	3 63		
		394 62	
Hardware, tools and repairs and supplies:—			
Brock Bros.	$36 65		
E. T. Bynner	54 23		
Ernest W. Clark	7 60		
Clark Bros.	5 65		
A. Lubbe	67 36		
F. X. Massé	4 76		
Amounts carried forward	$176 25	$2,507 58	$12,000 00

Public Charity—Continued.

CITY HOME, GENERAL EXPENSES—Continued.

Amounts brought forward	$176 25	$2,507 58	$12,000 00
For hardware, tools and repairs and supplies—concluded:—			
Page-Taylor Manufacturing Co.	6 25		
Alden Speare's Sons Co.	8 63		
Daniel J. Sullivan	3 20	194 33	
House repairs:—			
Electrical and lighting apparatus repairs:—			
F. Bryant & Co.	$42 30		
E. W. Clark	12 10		
Heating apparatus repairs:—			
Brock Bros.	27 39		
Campbell Iron Works	131 58		
Morandi-Proctor Co.	30 40		
Lumber, Geo. W. Gale Lumber Co.	98 77		
Painting, Michael Pitts & Son	7 00		
Plumbing:—			
J. E. Brouillard	20 60		
T. W. Good	8 25		
Repairing brick oven:—			
Henry McGahey	9 50		
Windows, A. W. Hastings & Co.	20 70	408 59	
Ice, Cambridge Ice Co.		172 12	
Lighting and motor service:—			
Cambridge Electric Light Co.	$176 63		
Cambridge Gas Light Co.	152 23	328 86	
Medical and surgical apparatus and instruments:—			
Geo. E. Gardiner	$12 75		
C. H. Goldthwaite & Co.	10 50		
Robert Josselyn	5 62		
Powers & Johnson	2 00	30 87	
Medicines, drugs, chemicals, etc.:—			
Carpenter-Morton Co.	$73 41		
Samuel H. Talbot	128 85		
John A. Tupper	146 30		
Warren F. Witherell Co.	28 00	376 56	
Oils, paints, etc.:—			
Carpenter-Morton Co.	$19 15		
Ernest T. Vocell	10 50		
Geo. L. Vocell	15 15	44 80	
Opening grave, St. Paul's cemetery		2 50	
Plants, B. J. Macklin		14 00	
Amounts carried forward		$4,080 21	$12,000 00

Public Charity—Continued.

CITY HOME, GENERAL EXPENSES—Continued.

Amounts brought forward		$4,080 21	$12,000 00
For soap and laundry supplies: —			
Lysander Kemp & Sons	$18 91		
Rand & Byam	55 40		
Alden Speare's Sons Co.	6 13		
Schwarzschild & Sulzberger Co.	10 14		
Standard Chemical Co.	26 71		
		117 29	
Spectacles, Chas. P. Van Alstine		10 00	
Stationery, printing and office supplies: —			
Cotton & Gould		42 78	
Subscriptions: —			
James W. Hunnewell	$21 00		
Wm. Hunt	8 60		
		29 60	
Subsistence supplies: —			
Armour Packing Co.	$46 20		
Bowman & Co.	53 50		
Boyd, Dalton & Co.	926 84		
Guy C. H. Carlton	319 72		
Cole & Poole	107 30		
Felix Cuguzzo	15 80		
Donnelly & Co.	1,319 51		
R. S. Edwards & Co.	123 86		
The Fleischmann Co.	40 95		
Chas. H. Fosgate	49 17		
Foss-Hatfield Co.	20 25		
F. C. Gemeiner	521 20		
Gillmore & Co.	386 80		
Geo. O. Girard	52 82		
Goldsmith-Wall Co.	27 60		
Green & Co.	10 03		
Handschumacher & Co.	163 79		
Harrison Bros. Co.	102 38		
J. A. Hattie & Co.	24 80		
Hazeltine & Co.	79 78		
Hecker-Jones-Jewell Milling Co.	196 00		
Home Mills Cereal Co.	31 00		
Andrew J. Lovell & Co.	75 59		
F. X Massé	11 20		
Hannah M. Nelligan	1,036 56		
Nelson, Morris & Co.	9 60		
New England Manufacturing Co.	44 00		
Oakdale Manufacturing Co.	50 40		
C. O'Brien	1,280 32		
J. H. Pierce & Co.	36 72		
S. S Pierce Co.	23 00		
Rockwood, McIntyre & Co.	96 40		
Saville, Somes & Co.	108 35		
N. C. Skilton Co.	44 00		
Skilton, Foote & Co.	7 88		
Frederick C. Small & Co.	28 75		
John A. Tupper	2 00		
J. Fred Vaughan	24 37		
Chas. F. Wood	47 71		
		7,546 15	
Amounts carried forward		$11,826 03	$12,000 00

Public Charity—Continued.

CITY HOME, GENERAL EXPENSES—Concluded.

Amounts brought forward		$11,826 03	$12,000 00
For telephone service		74 46	
Washing machine, Butler's laundry		50 00	
Transfers:—			
Burial fees, Cemetery Department	$38 00		
Sealing fees, Sealer of Weights and Measures	1 51		
Supplies, Postage and stationery account	10 00		
		49 51	
Total			$12,000 00

OUTDOOR RELIEF. (3.5)

SALARIES.

Appropriation		$2,750 00

EXPENDED.

For salaries of:—		
Secretary, David P. Muzzey	$1,500 00	
Clerk, Addie M. Benson	792 50	
Driver, Michael O'Reagan	450 00	
Total		2,742 50
Surplus of appropriation relinquished to General Treasury		$7 50

GENERAL EXPENSES.

Appropriation		$16,000 00

Department Receipts Carried to General Treasury.

For aid	$224 53
Board	333 30
Burials	33 95
Refund on account of error in bill	27 00
Support	884 89
	$1,503 67

EXPENDED.

For aid to sundry persons:—		
Cash pay roll	$512 29	
Amounts carried forward	$512 29	$16,000 00

Public Charity—Continued.

OUTDOOR RELIEF, GENERAL EXPENSES—Continued.

Amounts brought forward . .		$512 29	$16,000 00
By cities and towns :—			
City of Boston	$3,594 78		
Brockton	3 32		
Chelsea	7 00		
Everett	103 94		
Fall River	1 30		
Fitchburg	58 00		
Haverhill	102 15		
Lawrence	29 50		
Lowell	9 00		
Malden	176 82		
Medford	16 16		
New Bedford	102 00		
Newburyport	132 42		
Newton	290 15		
Quincy	7 00		
Salem	72 00		
Somerville	1,244 74		
Waltham	15 83		
Woburn	40 68		
Worcester	12 00		
Town of Cohasset . . .	82 50		
Georgetown	32 75		
Hanover	50 00		
Hudson	12 00		
Leominster	1 00		
Lexington	64 89		
Maynard	111 98		
Reading	212 08		
Scituate	33 85		
Watertown	20 00		
		6,639 84	
Bags, twine, etc. :—			
H. & L. Chase	$17 50		
Wm. H. Claflin & Co. . . .	23 56		
		41 06	
Baskets :—			
Joseph Breck & Sons, Corporation	$4 35		
Whittier Woodenware Co. . .	6 75		
		11 10	
Binding :—			
David Farquhar	$2 20		
James M. Sullivan	7 70		
		9 90	
Board and care :—			
Commonwealth of Massachusetts			
at State Hospital	$703 54		
at State Farm	23 71		
		727 25	
Amounts carried forward . . .		$7,941 44	$16,000 00

Public Charity—Continued.

OUTDOOR RELIEF, GENERAL EXPENSES—Continued.

Amounts brought forward		$7,941 44	$16,000 00
For board and care :—			
Mrs. Mary Begley	$23 18		
Cambridge Anti-Tuberculosis Ass'n.	5 10		
Cambridge Relief Hospital	68 00		
Carney Hospital	53 55		
Mrs Mary H. Cooke	30 00		
Foxborough State Hospital	698 05		
Chester D. Holmes	129 00		
Holy Ghost Hospital	118 58		
Hospital Cottages for Children	190 81		
Catherine Kiley	44 29		
J E. Kinselba	113 54		
Mass. Hospital for Epileptics	830 25		
Mass. School for the Feeble-minded	706 18		
Mass. State Sanatorium	174 96		
John Francis Rose	133 71		
Sherman Hospital for Incurables	834 00		
		4,153 20	
Book case, H. A Winship		6 00	
Burials, Horace D. Litchfield		205 35	
Car tickets :—			
Boston Elevated Railway Co.		425 00	
Carriage and ambulance hire :—			
George E. Francis	$4 00		
B. S. Walker	2 00		
		6 00	
Cash expended for sundries :—			
S. F. Norris		19 80	
Clothing, F. X. Massé		13 50	
Directories :—			
W. A. Greenough & Co.	$12 00		
Sampson & Murdock Co.	6 00		
		18 00	
Disinfectant, West Disinfecting Co.		8 75	
Electrical work, F. Bryant & Co.		3 00	
Ice, Central Ice Co.		21 30	
Laundry work, Sundry persons		4 03	
Lighting :—			
Cambridge Electric Light Co.	$21 93		
Cambridge Gas Light Co.	16 27		
		38 20	
Medical and surgical apparatus and instruments :—			
Buzzell-Flanders Co.	$13 09		
C. H Goldthwaite & Co.	15 50		
Lewis Batting Co.	4 25		
		32 84	
Amounts carried forward		$12,896 41	$16,000 00

Public Charity—Continued.

OUTDOOR RELIEF, GENERAL EXPENSES—Continued.

Amounts brought forward		$12,896 41	$16,000 00
For medicines, drugs, etc. :—			
Frank N. Abare	$45 95		
James A. Bird	3 25		
A. Cunningham Drug Co.	57 00		
J. H. Fitzgerald	18 10		
E. C. Gove	12 45		
L. E. Hubbard	2 70		
Wm. B. Hunt & Co.	100 29		
Albert W. Kidder	5 40		
The Komar Laboratory	7 00		
E. H. La Pierre	18 55		
F. P. Lombard	15 05		
Frank K Lynch	9 15		
George A. Miller	5 00		
W. B. Milliken	2 15		
Maurice O'Donnell	2 40		
John B. O'Hara	7 00		
E. H. Patten	36 46		
Reeves Bros.	5 76		
Samuel H Talbot	7 00		
John A. Tupper	14 51		
Chas. E. Scallan	4 10		
Sundry persons	6 78		
		386 05	
Moving furniture, Wm. Caldwell		7 00	
Professional services :—			
R. M. Birmingham, M. D.	$5 00		
Philip M Fitzsimons, M. D.	19 00		
John P. Nelligan, M. D.	105 00		
Geo. E. Sherman, M. D.	10 00		
		139 00	
Repairing pung, T. H. Kneeland		6 70	
Services as attendants :—			
John T. Cook	$36 00		
Warren H. Dow	47 00		
Fred A. McLaughlin	18 00		
Wm H. Robertson	5 00		
Geo. E. Sherman	8 00		
Ellen S. Stewart	7 00		
Dennis J. Sullivan	27 00		
		148 00	
Soap, Rand & Byam		60 00	
Stationery, printing and office supplies :—			
Cotton & Gould	$173 33		
J. A. Cummings Printing Co.	75 31		
Hammond Typewriter Co.	3 50		
Macey-Wernicke Co.	4 25		
The Macey Co.	4 25		
		260 64	
Amounts carried forward		$13,903 80	$16,000 00

Public Charity—Continued.

OUTDOOR RELIEF, GENERAL EXPENSES—Concluded.

Amounts brought forward		$13,903 80	$16,000 00
For subsistence supplies:—			
Bowman & Co.	$32 50		
Boyd, Dalton & Co.	711 21		
H. L. Brown	4 71		
Wm. M Currier & Co.	38 34		
R. S. Edwards & Co.	136 21		
F. C. Gemeiner	1,072 50		
Gillmore & Co.	568 55		
Handschumacher & Co.	165 25		
Hecker-Jones-Jewell Milling Co.	421 50		
J. H. Pierce & Co.	56 69		
Rockwood, McIntyre & Co.	164 21		
John P. Squire & Sons	50 00		
J. Fred Vaughan	115 52		
Sundry persons	1 35		
		3,538 54	
Sundries		5 50	
Telephone service		211 37	
Transportation:—			
Boston & Maine R. R.	86 25		
Chas. E. Goodrow	24 00		
		110 25	
Transfers:—			
Burial fees, Cemetery Department	$143 00		
Supplies, Postage and Stationery Account	68 00		
		211 00	
Total			17,980 46
Excess of expenditures over appropriation			$1,980 46
Additional appropriation			2,000 00
Balance relinquished to General Treasury			$19 54

OUTDOOR RELIEF. (3.5)

SALARY OF CITY PHYSICIAN.

Appropriation		$1,500 00
EXPENDED.		
For salary of:—		
City Physician, Wm. G. Brousseau, M.D.	$1,500 00	
Total		1,500 00

Public Charity—Continued.

MISCELLANEOUS. (3.9)

STATE AID.

Appropriation	$27,000 00

Department Receipts Carried to General Treasury.

From the Commonwealth of Massachusetts in reimbursement, in part, of the amount the City has advanced in conformity to the laws of the State, to volunteers and their families, or other dependents of volunteers of the army and navy :—

For military aid . . .	$477 50
State aid . . .	14,004 00
Burials of soldiers and sailors . . .	840 00
From sundry persons :—	
Board	280 00
Money uncalled for on pay-rolls . . .	280 50
Relief, Town of Northboro	72 00
	$15,954 00

EXPENDED.

For salary of clerk, Eben W. Pike .		$500 00	
State aid	$14,108 50		
Military aid	445 00		
Soldiers' and sailors' aid . . .	10,516 00		
		25,069 50	
Aid, Town of Hudson		84 00	
Binding, David Farquhar . . .		1 50	
Board and care, Isabella Hicks . .		10 00	
Burials :—			
W Banks	$35 00		
David F. Corcoran	35 00		
John W. Coveney	35 00		
Daniel P. Danehy & Son . .	35 00		
Timothy T. A. Danehy . . .	35 00		
Joseph J. Kelley & Son . . .	35 00		
H. D. Litchfield	140 00		
Judson Litchfield	35 00		
A. E Long & Son	35 00		
John J. Ross	70 00		
Shea Bros	70 00		
W. A. Taylor	35 00		
		595 00	
Car tickets :—			
Boston Elevated Railway Co. .		10 00	
Amounts carried forward . . .		$26,270 00	$27,000 00

Public Charity—Concluded.

STATE AID—Concluded.

Amounts brought forward		$26,270 00	$27,000 00
For carriage hire:—			
Cambridge Coach Co.	$5 00		
Charles W. Dailey	10 00		
I. J. Goodhue	14 00		
		29 00	
Cash expended, Eben W. Pike		6 45	
Fuel:—			
H. L. Carstein	$50 65		
Coleman Bros.	121 81		
		172 46	
Medicines:—			
L. E. Hubbard	$0 40		
Wm. B. Hunt & Co.	1 40		
		1 80	
Professional services:—			
Wm. G. Brousseau, M. D.	$9 00		
L. L. Bryant, M. D.	15 00		
Jno. E. Dwyer, M. D.	2 00		
T. J. Partridge, M. D.	4 00		
		30 00	
Stationery, printing, etc:—			
Cambridge Chronicle	$22 00		
E. A. Carney	20 00		
Cotton & Gould	19 25		
J. A. Cummings Printing Co.	17 85		
		79 10	
Support in Worcester Insane Hospital:—			
Commonwealth of Massachusetts		24 00	
Supplies:—			
A. A. Billings	$18 00		
E. A. Carney	82 00		
R. F. Fletcher & Co.	2 00		
M. W. Robinson & Son	6 00		
John J. Whelan & Son	71 50		
		179 50	
Transfers:—			
Board, Overseers of the Poor	$462 83		
Supplies, Postage and Stationery	23 25		
		486 08	
Total			27,278 39
Excess of expenditures over appropriation			$278 39
Additional appropriation			300 00
Balance relinquished to General Treasury			$21 61

SCHEDULE A-VIII

APPROPRIATIONS AND EXPENDITURES

NO. 4

PUBLIC HIGHWAYS AND SANITATION

4. PUBLIC HIGHWAYS AND SANITATION.

ADMINISTRATION. (4.1)

ENGINEERING DEPARTMENT.

SALARIES.

Appropriation			$9,000 00
EXPENDED.			
For salaries of :—			
City Engineer, L. M. Hastings		$3,000 00	
Assistant engineers :—			
H. T. Burrage	$1,108 10		
Geo. Davis	1,473 60		
Assistant on Street Work :—			
G. F. Hooker	1,074 50		
Assistant on Sewer Work :—			
F. B. Williams	253 75		
		3,909 95	
Transitmen :—			
R. L. Coolidge	$583 23		
G. H. Cloyes, Jr.	321 25		
Fred D. Sabin	145 00		
		1,049 48	
Rodmen :—			
F. H. Burke	$127 50		
E. W. Davis	121 32		
L. E. Daniels	57 00		
Jas. F. Danehy	22 50		
Austin K. Wardwell	30 35		
		358 67	
Clerk, Mary E. Rowen	$391 25		
Temporary clerk, Elizabeth M. Connell	55 00		
		446 25	
Total			8,764 35
Surplus of appropriation relinquished to General Treasury			$235 65

GENERAL EXPENSES.

Appropriation			$900 00
EXPENDED.			
For apparatus, instruments and repairs :—			
C. L. Berger & Sons	$18 30		
Chicago Steel Tape Co.	4 66		
W. Fillmore Co.	19 12		
Frost & Adams Co.	32 90		
W. H. Norris	21 29		
		$96 27	
Amounts carried forward		$96 27	$900 00

Public Highways and Sanitation — Continued.

ENGINEERING DEPARTMENT, GENERAL EXPENSES—Concluded.

Amounts brought forward		$96 27	$900 00
For binding, Boston Bookbinding Co.		9 00	
Book, T. H. Castor & Co.		2 25	
Car tickets :—			
Boston Elevated Railway Co.		300 00	
Directories :—			
W. A. Greenough & Co.	$4 00		
Sampson & Murdock Co.	6 00		
		10 00	
Expressage, sundry persons		4 20	
Hardware, tools, repairs and supplies :—			
E. T. Bynner	$19 42		
Louis W. Cutting Co.	6 54		
Geo. W. Gale Lumber Co.	5 94		
L. L. Phipps & Co.	1 00		
Wm. H. Roberts	1 75		
		34 65	
Photographic goods, blue prints, etc. :—			
Ledder & Probst	$6 56		
B. L. Makepeace	12 18		
Geo. F. Schwartz Co.	2 02		
		20 76	
Stationery, printing and drawing materials :—			
Cotton & Gould	$60 00		
J. A. Cummings Printing Co.	31 69		
Frost & Adams Co.	105 75		
Chas. E. Moss	11 80		
Pneumatic Hand Stamp Co	2 30		
Sundry Persons	2 10		
		213 64	
Subscriptions :—			
Engineering Record	3 00		
Engineering News Publishing Co.	5 00		
Municipal Engineering Co.	2 00		
		10 00	
Telephone service		102 82	
Transfers :—			
Supplies, Postage and stationery account		27 37	
Total			830 96
Surplus of appropriation relinquished to General Treasury			$69 04

Public Highways and Sanitation—Continued.

SALARIES OF SUPERINTENDENT OF STREETS AND CLERKS.

Appropriation			$6,200 00

EXPENDED.

For salaries of :—			
Superintendent, Geo. M. Clukas		$2,000 00	
Office clerks :—			
Henry P. Fielding	$1,400 00		
Maude E. Foster	624 00		
Adah N. Bowles	586 00		
		2,610 00	
Yard clerks :—			
T. P. Clarke	$780 00		
John H. Holt	780 00		
		1,560 00	
Total			6,170 00
Surplus of appropriation relinquished to General Treasury			$30 00

OPENING, GRADING AND WIDENING STREETS. (4.2)

GRADE CROSSINGS.

Appropriation		$50 00

EXPENDED.

For services appraising property :—		
Geo. W Dearborn	$25 00	
James F. Pennell	25 00	
Total		50 00

LAND DAMAGES.

Appropriation				$10,010 86

EXPENDED.

For General Expenses :—				
Examination of titles, etc. :—				
George D. Wildes	$15 00			
Wm. V. Thompson	31 00			
		$46 00		
Costs in suits for abatement of betterments :—				
Wm. E. Hutchins		31 20		
			$77 20	
Amounts carried forward			$77 20	$10,010 86

Public Highways and Sanitation—Continued.

LAND DAMAGES—Concluded.

Amounts brought forward		$77 20	$10,010 86
For Belmont Street:—			
Land and damage:—			
Mary A. C. Neil	$22 50		
Frank H. Chamberlain	43 61		
		66 11	
Bolton Street:—			
Land and damage:—			
Heirs of Michael Collins	$54 52		
Bridget A. Dempsey	46 74		
Ellen M. and Mary A. Hayes	54 93		
Charles A. Mason	114 80		
Heirs of Thomas Mead	54 93		
Heirs of Michael Mouringham	48 72		
John Tracy	79 07		
Patrick T. Slowey	27 49		
Heirs of Patrick Slowey	27 49		
Heirs of Peter Welch	67 48		
		576 17	
Laurel Street:—			
Land and damage:—			
Sarah Lusk		27 28	
Warland Street:—			
Land and damage:—			
Susan A. Hovey	$26 02		
Theodore H. Raymond	26 32		
		52 34	
Athens Street:—			
Land and damage:—			
Henry C. Lewis		4,200 00	
Concord Avenue:—			
Land and damage:—			
Mary E. McAvoy		50 00	
Total			5,049 10
Surplus of appropriation			$4,961 76
Additional appropriation			328 50
Surplus of appropriation relinquished to General Treasury			$5,290 26

STREET CONSTRUCTION, SUNDRY STREETS.

Appropriation		$69,731 11
EXPENDED.		
For labor as per pay rolls	$17,740 53	
Bitulithic surface:—		
Warren Bros. Co.	2,104 12	
Amounts carried forward	$19,844 65	$69,731 11

Public Highways and Sanitation—Continued.

STREET CONSTRUCTION, SUNDRY STREETS—Continued.

Amounts brought forward			$19,844 65	$69,731 11
For bricks, Curtis & Pope Lumber Co.			72 40	
Catch basin traps:—				
New England Broom Co.			34 00	
Filling, P. A. Brown & Sons			34 50	
Fuel, Consumers' Coal Co.			57 25	
Frames and grates:—				
The Sessions' Foundry Co.			88 46	
Gravel and freight:—				
Boston & Maine Railroad		230 20		
Wm. B. Mullen		82 03		
John T. Scully Foundation and Transportation Co.		2,157 12		
Josephine Stone		44 25		
			2,513 60	
Hardware, tools, and supplies:—				
Ames Plow Co		$8 95		
Harold L. Bond Co.		62 90		
Joseph Breck & Sons, Corporation		58 50		
Brock Bros		24 18		
E T Bynner		12 01		
Dodge-Haley Co.		134 47		
Dyar Supply Co		92 40		
Geo W. Gale Lumber Co.		15 00		
			408 41	
Hay, grain and straw:—				
J. Cushing & Co.		$871 83		
Robert Fawcett		442 33		
E. R. Luke & Co.		192 41		
			1,506 57	
Lighting:—				
Lanterns, H. Pill & Bro.			133 50	
Lumber for fence:—				
Geo. W. Gale Lumber Co.			88 62	
Oil:—				
Standard Oil Co.		67 88		
Thos. R. Nevins		129 82		
			197 70	
Steam roller and cover:—				
Buffalo Steam Roller Co.			3,503 75	
Stone:—				
Crushed stone:—				
Mass. Broken Stone Co.	$7,025 72			
Wm. J. McCarthy	296 69			
		$7,322 41		
Edgestones, John J. Horgan		8,402 85		
Field stone:—				
Sundry persons as per pay roll		243 77		
Amounts carried forward		$15,969 03	$28,483 41	$69,731 11

Public Highways and Sanitation—Continued.

STREET CONSTRUCTION, SUNDRY STREETS—Concluded.

Amounts brought forward		$15,969 03	$28,483 41	$69,731 11
For granite flagging:—				
John J. Horgan	$212 73			
S. & R. J. Lombard	85 19			
		297 92		
Granite paving blocks:—				
S. & R. J. Lombard		23,997 58		
Gutter stone:—				
S. & R. J. Lombard		2,708 53		
			42,973 06	
Sundries:—				
Oatmeal, J. A Holmes & Co.		$11 60		
Lumber, Geo. W. Gale Lumber Co.		4 65		
			16 25	
Teaming, sundry persons as per pay rolls			2,706 25	
Transfer:—				
Stock for new catch basins, Sewer Department			89 83	
Total				74,268 80
Excess of expenditure over appropriation				$4,537 69
Additional appropriation				5,000 00
Balance relinquished to General Treasury				$462 31

STREET CONSTRUCTION — AMHERST AND WADSWORTH STREETS.

Appropriation		$7,000 00
EXPENDED.		
For labor as per pay rolls	$1,472 25	
Fuel, Consumers' Coal Co.	21 01	
Lighting:—		
Lanterns, H. Pill & Bro.	24 15	
Stone:—		
Crushed stone, Mass. Broken Stone Co.	3,638 47	
Teaming:—		
Sundry persons as per pay roll	1,393 13	
Total		6,549 01
Surplus of appropriation relinquished to General Treasury		$450 99

Public Highways and Sanitation—Continued.

OPENING, GRADING AND WIDENING STREETS (4.2)

STREET CONSTRUCTION — BROOKLINE STREET.

Appropriation			$5,500 00
EXPENDED.			
For labor as per pay rolls		$712 50	
Cement, Curtis & Pope Lumber Co.		240 30	
Bitulithic surfacing:—			
Warren Bros. Co.		2,215 08	
Gravel and freight:—			
David O'Mara	$16 50		
John T. Scully Foundation & Transportation Co.	22 52		
		39 02	
Hardware, tools, etc.:—			
Joseph Breck & Sons, Corporation		19 50	
Lighting, H. Pill & Bro.		9 00	
Stone:—			
Edgestones, John J. Horgan	$202 45		
Granite paving blocks:—			
S. & R. J. Lombard	98 60		
Granite flagging, S. & R. J. Lombard	62 79		
Gutter stone, S. & R. J. Lombard	116 71		
Special granite blocks:—			
S. & R. J. Lombard	289 42		
		769 97	
Teaming:—			
Sundry persons as per pay rolls		611 25	
Total			4,616 62
Surplus of appropriation relinquished to General Treasury			883 38

STREET CONSTRUCTION—FRANCIS AVENUE, WHITTEMORE AVENUE, MARIE AVENUE AND BRYANT STREET.

Appropriation		$15,000 00
EXPENDED.		
For labor as per pay rolls	$3,596 60	
Bricks, Curtis & Pope Lumber Co.	57 92	
Catch-basin traps:—		
New England Broom Co.	34 00	
Amounts carried forward	$3,688 52	$15,000 00

Public Highways and Sanitation—Continued.

CONSTRUCTION FRANCIS AVENUE, WHITTEMORE AVENUE, MARIE AVENUE AND BRYANT STREET—Concluded.

Amounts brought forward			$3,688 52	$15,000 00
For frames and grates :—				
The Sessions Foundry Co.			99 52	
Fuel, Consumers' Coal Co.			8 01	
Gravel, filling and freight :—				
Boston & Maine Railroad		$30 10		
E. M. Harrington		90 00		
			120 10	
Hardware, tools, etc :—				
Harold L. Bond Co.		$54 00		
Brock Bros.		3 50		
			57 50	
Hay, grain and straw :—				
J. Cushing & Co.			93 84	
Stone :—				
Crushed Stone :—				
Mass. Broken Stone Co.	$674 22			
Waltham Trap Rock Co.	706 53			
		$1,380 75		
Edgestones, John J. Horgan		2,470 52		
Field stone, sundry persons as per pay roll		146 25		
Gutter stone, S. & R. J. Lombard		1,249 82		
			5,247 34	
Teaming :—				
Sundry persons, as per pay rolls			867 50	
Total				10,182 33
Surplus of appropriation relinquished to General Treasury				$4,817 67

STREET CONSTRUCTION — LOWLAND AVENUE.

Appropriation		$1,271 50

EXPENDED.

For labor as per pay rolls	$609 53	
Bricks, Curtis & Pope Lumber Co.	28 96	
Frames and grates :—		
The Sessions Foundry Co.	11 06	
Gravel :—		
John T. Scully Foundation & Transportation Co.	10 64	
Amounts carried forward	$660 19	$1,271 50

Public Highways and Sanitation—Continued.

STREET CONSTRUCTION, LOWLAND AVENUE—Concluded.

Amounts brought forward		$660 19	$1,271 50
For stone:—			
Edgestones, John J. Horgan	$204 62		
Granite flagging, John J. Horgan	24 92		
		229 54	
Teaming:—			
Sundry persons as per pay roll		70 63	
Total			960 36
Surplus of appropriation relinquished to General Treasury			$311 14

OPENING, GRADING AND WIDENING STREETS. (4.2)

BOARD OF SURVEY.

Appropriation			$125 00
EXPENDED.			
or salary of clerk, John McDuffie		$75 00	
Advertising:—			
Cambridge Chronicle	$37 50		
Times Publishing Co.	16 50		
		54 00	
Car tickets:—			
Boston Elevated Railway Co.		10 00	
Carriage hire:—			
John J. Corkery	$6 00		
John R. Kenny	6 00		
		12 00	
Stationery, printing, etc.:—			
Cambridge Chronicle	$1 00		
Cotton & Gould	5 12		
J. A. Cummings Printing Co.	7 05		
		13 17	
Typewriting, Eben W. Pike		2 00	
Transfer:—			
Supplies, Postage and Stationery Account		5 40	
Total			171 57
Excess of expenditure over appropriation			$46 57
Transfer to this account from Contingent Fund			50 00
Balance relinquished to General Treasury			$3 43

Public Highways and Sanitation—Continued.

STREET PAVING (4.3).

STREET MAINTENANCE.

Appropriation			$70,000 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For apples	$35 25
Bricks	15 66
Granite blocks	3 75
Gravel	18 00
Horses	348 78
Horse board	216 00
Horseshoeing	86 08
Labor and materials	206 44
Iron	119 90
Old materials	1 00
Permit fees	33 00
Pound fees	1 96
Sand	1 00
Scrapings	38 94
Stone	23 46
Stone dust	7 66
Use of steam roller	6 00
Wood	6 00
	$1,168 88

EXPENDED.

For labor, as per pay roll		$43,789 43	
Carriage and wagon repairs :—			
Barbour-Stockwell Co.	$5 50		
Dodge-Haley Co.	122 22		
Geo. W. Gale Lumber Co.	69 39		
Ira G. Hersey	12 28		
Chas. Waugh & Co.	78 55		
Sundry persons	1 80		
		289 74	
Fuel :—			
Consumers' Coal Co.	$1,140 61		
Massachusetts Wharf Coal Co.	273 71		
		1,414 32	
Gravel and freight :—			
Boston & Maine Railroad	$70 99		
Josephine Stone	114 12		
		185 11	
Hardware, tools and repairs, etc. :—			
Brock Bros.	$32 76		
E. T. Bynner	55 29		
Dane-Smith Co.	12 25		
Dodge-Haley Co.	216 49		
Duff Spring Co.	5 00		
Geo. W Gale Lumber Co	10 87		
A. H. Hews & Co.	2 97		
A. M. Loker	25 25		
Morss & Whyte Co.	13 00		
Amounts carried forward	$373 88	$45,678 60	$70,000 00

Public Highways and Sanitation—Continued.

STREET MAINTENANCE—Continued.

Amounts brought forward		$373 88	$45,678 60	$70,000 00
For hardware, tools and repairs, etc —Concluded :—				
W. L. Potter		43 45		
P. Powell		3 00		
Daniel J. Sullivan		20 30		
Wm. H. Wood & Co.		10 26		
Sundry persons		3 20		
			454 09	
Harness and repairs, and horse clothing :—				
E. T. Bynner		$3 50		
Nelson T. Cabana		25 85		
M. Cavanagh		86 30		
James Curry		38 95		
Owen Doherty		93 90		
James Forgie's Sons		102 00		
Harvard Harness Store		79 65		
F. Ivers & Son		27 07		
Hugh McCaffrey		102 25		
Sartwell, Heinold & Humphrey		175 14		
Sundry persons		1 30		
			735 91	
Hay, grain and straw :—				
P. A. Clarke & Co.		$469 88		
J. Cushing & Co.		3,300 51		
Robert Fawcett		95 99		
E. R. Luke & Co.		638 25		
			4,504 63	
Horses, A. J. Furbush			250 00	
Horseshoeing and horseshoeing stock :—				
George W. Doak		$14 25		
Dodge-Haley Co.		325 88		
Sundry persons		1 75		
			341 88	
Lighting :—				
Electric lighting :—				
Cambridge Electric Light Co.		$332 90		
Lamps, lanterns, etc. :—				
Brock Bros.	$4 35			
Clark & Mills Electric Co.	6 25			
Henry F. Farrow & Co.	4 60			
F. X. Massé	14 00			
Pill Bros.	5 50			
H. Pill & Bro.	1 15			
		35 85		
Oil :—				
Thos. R. Nevins	$5 00			
Standard Oil Co. of New York	28 10			
		33 10		
			401 85	
New equipment :—				
Concord wagon :—				
Moses Coleman & Son			105 00	
Amounts carried forward			$52,471 96	$70,000 00

Public Highways and Sanitation—Continued.

STREET MAINTENANCE—Continued.

Amounts brought forward			$52,471 96	$70,000 00
For office expenses and telephone service :—				
Advertising :—				
Cambridge Chronicle	$41 75			
Cambridge Sentinel Publishing Co.	27 75			
		$69 50		
Binding :—				
David Farquhar		1 10		
Brushes, E. T. Bynner		80		
Directory, W. A. Greenough & Co.		4 00		
Stationery, printing and office supplies :—				
Fred L. Beunke	$2 85			
Cambridge Chronicle	37 75			
Cotton & Gould	108 57			
Chas. D Craigie	10 14			
J. A. Cummings Printing Co.	33 74			
J. Frank Facey	154 50			
Pneumatic Hand Stamp Co.	2 07			
Louis F. Weston	30 00			
Sundry persons	1 53			
		381 15		
Typewriter repairs :—				
Smith Premier Typewriter Co.		3 05		
Telephone service		208 77		
			$668 37	
Painters' supplies :—				
Brock Bros		$45 40		
E. T. Bynner		129 43		
Wadsworth, Howland & Co.		18 38		
Warren White Lead and Paint Co.		25 00		
John L. Whiting & Son Co.		2 01		
			220 22	
Stable repairs :—				
John J. Blevins		$4 50		
Brock Bros		47 91		
E. T. Bynner		5 91		
Geo. W. Gale Lumber Co.		252 59		
Moynahan & Co.		105 58		
Simpson Bros. Corporation		135 00		
W. A. Snow Iron Works		31 20		
Wm. H. Wood & Co.		20 48		
Sundry persons		4 70		
			607 87	
Stable supplies :—				
Brock Bros.		$30 56		
E. T. Bynner		32 01		
Cambridge Ice Co.		13 60		
Columbia Refining Co.		13 42		
A. C. Curtis		10 11		
Amounts carried forward		$99 70	$53,968 42	$70,000 00

Public Highways and Sanitation—Continued.

STREET MAINTENANCE—Continued.

Amounts brought forward		$99 70	$53,968 42	$70,000 00
For stable supplies—Concluded :—				
Dyar Supply Co.		233 75		
Eclipse Animal Food Co. . .		9 00		
Fresh Pond Ice Co. . .		23 86		
Geo. W. Gale Lumber Co . .		38 11		
Harvard Harness Store . . .		6 50		
A. H. Hews & Co.		51		
G. C. Kinsley		5 13		
Lever Bros. Co.		3 80		
F. X. Massé		20 68		
Hugh McCaffrey		22 20		
W. W. Reid Manufacturing Co. .		3 75		
L. G Stone & Co.		13 00		
Warren Bros. Co.		53 35		
			533 34	
Steam rollers, repairs and supplies :—				
Asbestos & Magnesia Mfg. Co. .		$16 00		
Barbour-Stockwell Mfg. Co. .		20 37		
S. C. Baxter		20 00		
Boston Engineer's Supply Co. .		22 13		
Boston Woven Hose & Rubber Co.		3 50		
Brock Bros.		17 75		
Buffalo Steam Roller Co. . .		401 50		
G. W. Burditt		14 74		
Campbell Iron Works . . .		210 75		
Chas. A Claflin & Co . . .		162 97		
Dodge-Haley Co.		13 67		
Walter W. Field		71 86		
Geo. W. Gale Lumber Co. . .		9 46		
Harvard Harness Store . . .		14 75		
A. H. Hews & Co.		104 38		
Standard Brazing Co. . . .		2 50		
Sundry persons		3 01		
			1,109 34	
Stone :—				
Crushed stone :—				
Mass. Broken Stone Co.	$3,903 66			
Waltham Trap Rock Co.	176 73			
		$4,080 39		
Field stone :—				
Sundry persons as per pay roll .		6,031 78		
			10,112 17	
Stone crushers, repairs and supplies :—				
E. B Badger & Sons Co. . .		$28 80		
S C. Baxter		10 00		
Boston Engineers' Supply Co .		22 13		
Boston Woven Hose & Rubber Co.		3 50		
G. W. Burditt		14 73		
Chas. A. Claflin & Co. . . .		44 62		
Dodge-Haley Co.		13 67		
A. H. Hews & Co		12 63		
H. J. Shaw		34 98		
Taylor Iron & Steel Co. . . .		294 98		
Sundry persons		1 91		
			481 95	
Amounts carried forward . . .			$66,205 22	$70,000 00

Public Highways and Sanitation—Continued.

STREET MAINTENANCE—Concluded.

Amounts brought forward			$66,205 22	$70,000 00
Street signs :—				
Baltimore Enamel & Novelty Co.		$123 84		
E. T. Bynner		5 00		
Geo. W. Gale Lumber Co.		16 61		
			145 45	
Teaming :—				
Sundry persons as per pay roll			667 50	
Miscellaneous :—				
Barrels, William Welch		$6 25		
Boots and whip, Hugh McCaffrey		2 75		
Car tickets, Boston Elevated Railway Co.		30 00		
Cash expended for sundries, George M. Clukas		13 00		
Clock repairs, Miller Bros.		1 50		
Dry goods, J. C. Donovan		1 05		
Expressage, sundry persons		4 25		
Flag, C. H. Batchelder & Co.		21 75		
Freight on apples, Boston & Maine R. R.		2 69		
Horse clipping, Fred D. Norton		7 50		
Lead and spelter, Fay Bros.		21 73		
Lumber and mill work :—				
Geo. W. Gale Lumber Co.	$4 00			
Ira G. Hersey	6 55			
Wm. H. Wood & Co.	2 73			
		13 28		
Keys, sundry persons		1 00		
Removing brown tail moth nests, Town of Acton		2 50		
Renewing asphalt pavement, Barber Asphalt Paving Co.		118 63		
Reseating chairs, Archile Fournier		1 50		
Screen, Morss & Whyte Co.		3 50		
Services of constable and witness fees, James E. Lennon		4 00		
Setting topmast, Boston Flag Pole Co.		7 00		
Subscription, Municipal Publishing Co.		3 00		
Sundries		1 60		
			268 48	
Transfers :—				
Horses, Inspector of Animals Dept.		$1,800 00		
Office supplies, Postage and Stationery Account		106 09		
Sealing, Sealer of Weights and Measures		4 23		
			1,910 32	
Total				69,196 97
Surplus of appropriation				$803 03
Transfer from this account to Collection of Ashes				800 00
Balance relinquished to General Treasury				$3 03

Public Highways and Sanitation—Continued.

STREET PAVING. (4.3)

CROSSINGS.

Appropriation			$5,000 00
EXPENDED.			
For labor, as per pay roll		$2,644 09	
Cement, Curtis & Pope Lumber Co.		151 30	
Freight on gravel:—			
Boston & Maine R. R.		33 60	
Granite flagging:—			
John J. Horgan	$63 98		
S. & R. J. Lombard	124 67		
		188 65	
Granite paving blocks:—			
S. & R. J. Lombard		146 00	
Hardware, tools and supplies:—			
Chas. Hvass & Co.		9 50	
Teaming:—			
Sundry persons, as per pay-roll		843 13	
Vitrified paving blocks and freight:—			
Boston & Maine R R.	$234 58		
Johnsonburg Vitrified Brick Co.	140 12		
C. T. Willard Co.	146 80		
		521 50	
Total			4,537 77
Surplus of appropriation			$462 23
Transfer from this account to Collection of Ashes			400 00
Balance relinquished to General Treasury			$62 23

REBUILDING STREETS.

Appropriation			$47,139 64
EXPENDED.			
For labor, as per pay-rolls		$15,907 49	
Bitulithic surface:—			
Warren Bros. Co.		5,262 40	
Cement, Curtis & Pope Lumber Co.		2,327 47	
Fuel, Consumers' Coal Co.		128 99	
Gravel and freight:—			
Boston & Maine R. R.	$185 15		
David O'Mara	22 50		
John T. Scully Foundation & Transportation Co.	148 62		
		356 27	
Amounts carried forward		$23,982 62	$47,139 64

Public Highways and Sanitation—Continued.

REBUILDING STREETS—Concluded.

Amounts brought forward			$23,982 62	$47,139 64
For hardware, tools and supplies :—				
Jos. Breck & Sons, Corporation		$42 00		
Brock Bros.		111 15		
Boston Woven Hose & Rubber Co.		10 15		
Dodge Haley Co.		18 27		
Dyar Supply Co.		27 75		
Geo. W. Gale Lumber Co.		62 96		
			272 28	
Hay, grain and straw :—				
J. Cushing & Co.			581 42	
Hogsheads, Wm. Welch			4 00	
Laying outside granite brows between tracks :—				
Boston Elevated Railway Co.			457 60	
Lighting :—				
Lanterns, H. Pill & Bro.		$22 50		
Oil :—				
Thomas R. Nevins		48 60		
Standard Oil Co. of New York		5 40		
			76 50	
Lumber, Geo. W. Gale Lumber Co.			25 32	
Pitch, Warren Bros. Co.			114 70	
Stone :—				
Crushed stone :—				
Mass Broken Stone Co.	$2,919 92			
Wm. J. McCarthy	500 98			
		$3,420 90		
Concrete stone, Wm. B. Mullen		326 49		
Edgestones, John J. Horgan		936 38		
Field stone, sundry persons, as per pay-roll		63 10		
Granite paving blocks, S. & R. J. Lombard		658 87		
			5,405 74	
Teaming :—				
Sundry persons, as per pay-rolls			3,501 88	
Vitrified paving blocks and freight :—				
Metropolitan Paving Brick Co		$2,338 99		
N. Y. Central & Hudson River R. R. Co.		2,531 40		
			4,870 39	
Total				39,292 45
Surplus of appropriation				$7,847 19
Transfer from this account to Sundry Departments				4,125 00
Balance relinquished to General Treasury				$3,722 19

Public Highways and Sanitation—Continued.

STREET PAVING. (4.3)

SUBWAY AT RAYMOND STREET.

Appropriation		$5,618 00
EXPENDED.		
For labor, as per pay roll	$391 67	
Contract for constructing footway under railroad tracks:— James H. Fannon	4,697 58	
Drain pipe, Eastern Clay Goods Co.	18 97	
Expense on account of construction of subway:— Boston & Maine R. R.	1,289 25	
Wiring and lighting:— Henry F. Farrow & Co.	48 00	
Total		6,445 47
Excess of expenditures over appropriation		$827 47
Additional appropriation		827 47

SIDEWALKS. (4.4)

PAVING, EDGESTONES AND SIDEWALKS.

Appropriation	$30,000 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For labor and materials	$329 03

EXPENDED.			
For labor, as per pay roll		$13,453 34	
Allowance on artificial stone sidewalks:—			
T. Allen	$65 46		
Simpson Bros. Corporation	136 61		
Warren Bros. Co	210 45		
		412 52	
Bricks, Parry Brick Co.		4,522 90	
Freight on gravel:— Boston & Maine Railroad		749 87	
Amounts carried forward		$19,138 63	$30,000 00

Public Highways and Sanitation — Continued.

PAVING, EDGESTONES AND SIDEWALKS—Concluded.

Amounts brought forward . .		$19,138 63	$30,000 00
For hardware, tools and repairs, and supplies :—			
Ames Plow Co.	$10 47		
Harold L. Bond Co. . . .	47 25		
Boston Engineers' Supply Co. .	29 16		
Jos Breck & Sons, Corporation .	16 30		
Brock Bros	5 26		
E. T. Bynner	6 22		
Dodge-Haley Co.	91 67		
Dyar Supply Co.	66 15		
Geo W. Gale Lumber Co. . .	112 71		
Leander Marsh	10 30		
Morss & Whyte Co. . . .	10 00		
Tuttle & Newton	6 22		
Bruce R. Ware	7 20		
Wm. H. Wood & Co. . . .	39 26		
Sundry persons	40		
		458 57	
Lighting :—			
Lanterns, globes, etc. :—			
Harold L. Bond Co. . . .	$18 00		
E T. Bynner	2 75		
F. X Massé	11 00		
H. Pill & Bro.	82 40		
Oil :—			
Thomas R. Nevins . . .	23 00		
Standard Oil Co. . . .	45 05		
		182 20	
Stone :—			
Edgestone, John J. Horgan . .		7,440 58	
Teaming :—			
Sundry persons as per pay roll .		2,777 51	
Total			29,997 49
Surplus of appropriation relinquished to General Treasury			$2 51

SIDEWALK REPAIRS.

Appropriation		$5,000 00
EXPENDED.		
For labor as per pay rolls . . .	$3,937 63	
Bricks, Parry Brick Co. . .	499 10	
Amounts carried forward . . .	$4,436 73	$5,000 00

Public Highways and Sanitation — Continued.

SIDEWALK REPAIRS—Concluded.

Amounts brought forward . .	$4,436 73	$5,000 00
For freight on gravel :—		
Boston & Maine Railroad . .	68 02	
Lighting :—		
Oil, Thos. R. Nevins . . .	6 00	
Lumber, Geo. W. Gale Lumber Co. .	8 51	
Teaming :—		
Sundry persons, as per pay roll .	478 75	
Total		4,998 01
Surplus of appropriation relinquished to General Treasury		$1 99

STREET LIGHTING. (4.5)

SALARIES.

Appropriation		$1,000 00
EXPENDED.		
For salary of Superintendent of Lamps :—		
T. C. O'Hearn	$1,000 00	
Total		1,000 00

GENERAL EXPENSES.

Appropriation				$77,000 00
EXPENDED.				
For carriage repairs, M. J. O'Hara .			$12 00	
Changing lamp locations :—				
Cambridge Electric Light Co. .			7 80	
Damages :—				
Joseph M. and Mary A. Clary .			50 00	
Harness and repairs and horse clothing :—				
Harvard Harness Store . . .			31 70	
Horse board, John J. Corkery . .			270 00	
Horseshoeing, Wm. Balmer . .			43 50	
Lighting streets :—				
Cambridge Electric Light Co. :—				
Arc lighting .	$56,036 18			
Incandescent .	13,226 38			
		$69,262 56		
Amounts carried forward . . .		$69,262 56	$415 00	$77,000 00

Public Highways and Sanitation — Continued.

STREET LIGHTING, GENERAL EXPENSES—Concluded.

Amounts brought forward	$69,262 56	$415 00	$77,000 00
For Welsbach St. Lighting	8,667 24		
		77,929 80	
Stationery, printing, etc. :—			
J. Frank Facey	$2 00		
J. A. Cummings Printing Co.	5 59		
		7 59	
Teaming, setting and connecting lamp posts :—			
Cambridge Gas Light Co.		66 51	
Transfer :—			
Supplies, Postage and Stationery		7 21	
Total			78,426 11
Excess of expenditure over appropriation			$1,426 11
Additional appropriation			1,500 00
Balance relinquished to General Treasury			$73 89

STREET CLEANING. (4.6)

Appropriation			$31,000 00
EXPENDED.			
For labor as per pay rolls		$27,140 20	
Hardware, tools, etc. :—			
Barbour-Stockwell Co.	$4 36		
Harold L. Bond Co.	36 25		
Brock Bros.	1 20		
G. W. Burditt	73 63		
E. T. Bynner	14 00		
Denison, Estabrook & Co.	7 50		
Durnin, McLaughlin & Co.	69 92		
New England Broom Co.	26 00		
A. H. Hews & Co.	17 00		
		249 86	
Hay, grain and straw :—			
P. A. Clarke & Co.	$46 03		
J. Cushing & Co.	632 78		
E. R. Luke & Co.	5 99		
		684 80	
Machine sweeper repairs :—			
Barbour-Stockwell Co.	$0 26		
Dodge-Haley Co.	5 85		
		6 11	
Refilling machine sweeper brooms :—			
Harold L. Bond Co.	57 00		
Boston Broom Co.	30 00		
New England Broom Co.	192 00		
		279 00	
Amounts carried forward		$28,359 97	$31,000 00

Public Highways and Sanitation — Continued.

STREET CLEANING— Concluded.

Amounts brought forward	$28,359 97	$31,000 00
For teaming :—		
Sundry persons as per pay roll	3,981 89	
Transfer :—		
Horses, Inspector of Animals Dept.	1,620 00	
Total		33,961 86
Excess of expenditure over appropriation		$2,961 86
Transfer to this account from Rebuilding Streets		3,000 00
Balance relinquished to General Treasury		$38 14

SNOW REMOVAL (4.7)

Appropriation			$6,000 00

EXPENDED.

For labor, as per pay roll		$5,744 16	
Gravel, Josephine Stone		19 63	
Hardware, tools, etc. :—			
Ames Plow Co.	$11 25		
Barbour-Stockwell Co.	13 00		
Brock Bros.	10 00		
Dodge-Haley Co.	1 35		
Dyar Supply Co.	127 50		
		163 10	
Hay, grain and straw :—			
J. Cushing & Co.		32 98	
Salt, Eastern Salt Co.		18 75	
Teaming, John P. Downey		9 00	
Total			5,987 62
Surplus of appropriation relinquished to General Treasury			$12 38

STREET SPRINKLING. (4.8)

Appropriation		$28,000 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For collections	$2,184 11

EXPENDED.

For labor, as per pay-roll	$1,562 30	
Salary of foreman of Street Watering Division :—		
Chas. McHugh	1,146 00	
Amounts carried forward	$2,708 30	$28,000 00

Public Highways and Sanitation — Continued.

STREET SPRINKLING—Concluded.

Amounts brought forward . .		$2,708 30	$28,000 00
For sprinkling streets :—			
Sundry contractors as per pay-rolls		23,536 98	
Harness and repairs :—			
Hugh McCaffrey		1 50	
Hardware, tools, etc. :—			
E. T. Bynner	$8 33		
B. W. Givens	98	9 31	
New equipment :—			
Horse, A. J. Furbush . . .		250 00	
Refund of overcharge on street watering for season of 1905 :—			
Minnie M. Elliott		1 82	
Standpipes and repairs :—			
E. T Bynner	$19 50		
Moynahan & Co.	24 22	43 72	
Stationery, Cotton & Gould . .		34 75	
Watering cart repairs :—			
Babcock Varnish Co. . . .	$210 00		
Barbour-Stockwell Co. . . .	5 47		
Boston Woven Hose & Rubber Co.	21 45		
E. T. Bynner	349 90		
Columbia Refining Co. . . .	8 19		
Dodge-Haley Co.	201 02		
Duff Spring Co.	285 37		
Ira G. Hersey	2 64		
J. L. & H. K. Potter . . .	110 34		
Wadsworth & Howland Co. . .	95 26		
Warren White Lead & Paint Co. .	25 00		
Chas. Waugh & Co. . . .	35 00		
Henry J. Winde	168 00		
Wm. H. Wood & Co. . . .	1 28	1,518 92	
Water supplied from private standpipe :—			
John B Squire & Co. . . .		25 06	
Transfers :—			
Horses, Inspector of Animals Dept.	$190 00		
Repairing standpipe, Water Dept.	237 78	427 78	
Total			28,558 14
Excess of expenditure over appropriation . . .			$558 14
Transfer to this account from Rebuilding Streets .			600 00
Balance relinquished to General Treasury . .			$41 86

Public Highways and Sanitation — Continued.

REFUSE COLLECTION AND DISPOSAL. (4.9)

HOUSE OFFAL, LABOR.

Appropriation		$27,200 00

EXPENDED.

For labor as per pay roll	$26,775 00	
Total		26,775 00
Surplus of appropriation		$425 00
Transfer from this account to General Expenses		425 00

GENERAL EXPENSES.

Appropriation		$6,000 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For sale of offal	$10,494 70

EXPENDED.

For bricks, Parry Brick Co.		$9 30	
Door, A. W. Hastings & Co.		2 25	
Granolithic platform and gutter:—			
Henry McGahey		240 00	
Hardware, tools and repairs and supplies:—			
Jos. Breck & Sons, Corporation	$14 16		
Brock Bros.	14 78		
E. T. Bynner	68 88		
A. Lubbé	40 43		
F. X. Massé	7 00		
Daniel J. Sullivan	1 60		
G. F. Whitney & Co	24 00		
		170 85	
Harness and repairs, and horse clothing:—			
M. Cavanagh	146 10		
Thomas J. Fox	69 70		
F. X. Massé	55 00		
		270 80	
Hay, grain, etc.:—			
Clark Bros.	$282 11		
J. Cushing & Co.	3,420 81		
		3,702 92	
Horses, Henry S. Harris' Sons		575 00	
Horse clipping, Fred D. Norton		2 50	
Horseshoeing:—			
Wm. Balmer	28 25		
Stephen H. Burdick	2 38		
Frank Burke	113 00		
E. P. Griffin	477 90		
		621 53	
Amounts carried forward		$5,595 15	$6,000 00

Public Highways and Sanitation — Continued.

HOUSE OFFAL, LABOR, GENERAL EXPENSES—Concluded.

Amounts brought forward . .		$5,595 15	$6,000 00
For Lighting, Cambridge Elec. Light Co.		24 14	
Lumber and cement:—			
Geo. W. Gale Lumber Co. . .		129 41	
Paints, oils, etc.:—			
E. T. Bynner	$3 80		
Carpenter-Morton Co. . . .	72 00		
Commonwealth Oil Co. . . .	14 95		
Page-Taylor Manufacturing Co. .	7 25		
		98 00	
Repairing drains and building catch-basins, Samuel McCulloch . .		25 55	
Wagon repairs:—			
T. H. Kneeland	$411 15		
A. S. Lohnes & Co. . . .	141 60		
		552 75	
Total			6,425 00
Excess of expenditure over appropriation . . .			$425 00
Transfer to this account from House Offal, Labor .			425 00

COLLECTION OF ASHES. (4.9).

Appropriation			$32,500 00
EXPENDED.			
For labor, as per pay rolls . . .		$28,607 68	
Bicycle repairs:—			
P. Powell		9 50	
Hardware, tools, etc.:—			
Dodge-Haley Co.	$5 98		
W. L. Potter	5 25		
		11 23	
Harness and repairs, etc.:—			
Nelson T. Cabana	$82 95		
M. Cavanagh	63 45		
James Forgies' Sons . . .	72 00		
Harvard Harness Store . . .	7 50		
Hugh McCaffrey	111 15		
		337 05	
Hay, grain and straw:—			
P. A. Clarke & Co.	$174 39		
J. Cushing & Co.	2,172 81		
Robert Fawcett	255 85		
E. R. Luke & Co.	153 56		
		2,756 61	
Amounts carried forward . . .		$31,722 07	$32,500 00

Public Highways and Sanitation — Continued.

COLLECTION OF ASHES—Concluded.

Amounts brought forward		$31,722 07	$32,500 00
For horseshoeing and stock:—			
Wm. Balmer	$7 75		
Dodge-Haley Co.	21 20		
W. F Garrett	4 00		
I. J. Goodhue	2 00		
McCarthy Bros.	3 00		
Bernard Smith	1 00		
		38 95	
Painters' supplies:—			
E. T. Bynner		86 30	
Teaming:—			
Sundry persons as per pay roll		20 00	
Wagon repairs:—			
Barbour-Stockwell Co.	8 40		
Dodge-Haley Co.	36 09		
Geo. W. Gale Lumber Co.	20 65		
Hughes Anti-Friction Co.	15 00		
T. H. Kneeland	1 50		
Roberts Iron Works Co.	22 50		
Chas. Waugh & Co.	65 00		
		169 14	
Transfer:—			
Horses, Inspector of Animals Dept.		1,650 00	
Total			33,686 46

Excess of expenditure over appropriation		$1,186 46
Transfer to this account from Street Department, Maintenance	$800 00	
Transfer to this account from Street Department, Crossings	400 00	
		1200 00
Balance relinquished to General Treasury		$13 54

SEWERS AND SEWAGE DISPOSAL. (4.10)

SEWER DEPARTMENT, CONSTRUCTION GENERAL.

Appropriation		$15,000 00

EXPENDED.

For general expenses:—		
Bricks and cement:—		
Curtis & Pope Lumber Co.	$239 86	
Castings, Sessions Foundry Co.	236 64	
Amounts carried forward	$476 50	$15,000 00

Public Highways and Sanitation — Continued.

SEWER DEPARTMENT, CONSTRUCTION GENERAL—Continued.

Amounts brought forward		$476 50		$15,000 00
For hardware, tools and supplies :—				
E. T. Bynner	$14 25			
H. Pill & Bro.	19 00			
		33 25		
Lumber, Geo. W. Gale Lumber Co.		12 03		
Oil, Standard Oil Co. of New York		2 36		
Pipe, David W. Lewis Co.		22 80		
Rubber boots, Robert Josselyn		133 50		
Teaming, James P. Davoren		2 50		
			$682 94	
New catch-basins :—				
Labor, as per pay-roll		$891 71		
Bricks and cement :—				
Curtis & Pope Lumber Co.	$563 74			
David W. Lewis Co.	17 92			
New England Brick Co.	38 92			
		620 58		
Castings :—				
Osgood & Witherly	$171 46			
Sessions Foundry Co.	296 67			
		468 13		
Catch-basin stones :—				
Ham & Carter Co.	$40 00			
New England Broom Co.	80 00			
		120 00		
Hardware, tools and repairs, and supplies :—				
E. T. Bynner	$15 52			
James Maitland	26 03			
		41 55		
Oil, Standard Oil Co.		1 75		
Pipe and fittings :—				
Eastern Clay Goods Co.	$24 56			
David W. Lewis Co.	81 33			
		105 89		
Teaming :—				
P. Biggin	$9 04			
Thomas O'Hara	5 00			
		14 04		
Traps, New England Broom Co.		72 00		
			2,335 65	
New manholes :—				
Labor, as per pay-roll		$94 90		
Machine work, H. J. Shaw		46 90		
			141 80	
Albany and Pacific St. sewers :—				
Labor, as per pay-roll		$2,178 79		
Bricks, Curtis & Pope Lumber Co.		246 10		
Cement, Curtis & Pope Lumber Co.		116 35		
Gravel, Wm. B. Mullen		222 57		
Lumber, Geo. W. Gale Lumber Co.		183 14		
Machine work, H. J. Shaw		12 65		
Packing, E. T. Bynner		11 25		
Amounts carried forward		$2,970 85	$3,160 39	$15,000 00

Public Highways and Sanitation — Continued.

SEWER DEPARTMENT, CONSTRUCTION GENERAL—Continued.

Amounts brought forward . .		$2,970 85	$3,160 39	$15,000 00
For pipe and fittings:—				
Eastern Clay Goods Co.	$127 58			
David W. Lewis Co. .	44 89			
		172 47		
			3,143 32	
Arcadia Street sewer:—				
Labor, as per pay-roll . . .		$63 25		
Pipe and fittings, David W. Lewis Co.		33 25		
			96 50	
Clark Street Sewer:—				
Labor, as per pay roll . . .		$492 23		
Bricks, Curtis & Pope Lumber Co.		28 95		
Gravel, Wm. B Mullen . . .		33 54		
Hardware, tools, and supplies:—				
E. T. Bynner		12 82		
Lumber, Geo. W. Gale Lumber Co.		107 60		
Pipe, David W. Lewis Co. . .		76 95		
			752 09	
Craigie Court:—				
Labor, as per pay roll . . .		$159 40		
Pipe and fittings:—				
David W. Lewis Co. .	$10 36			
John M. Riley . .	57 28			
		67 64		
Teaming, P Biggin . . .		1 66		
			228 70	
Decatur Street Sewer:—				
Labor, as per pay roll . . .		$379 84		
Bricks, New England Brick Co. .		12 97		
			392 81	
Fifth Street Sewer:—				
Labor, as per pay roll . . .		$306 00		
Pipe and fittings, David W. Lewis Co.		68 04		
Teaming, P. Biggin . . .		1 67		
			375 71	
Francis Avenue Sewer:—				
Labor, as per pay roll . . .		$301 29		
Bricks, Curtis & Pope Lumber Co.		14 47		
Pipe and fittings:—				
Eastern Clay Goods Co. . .		170 37		
			486 13	
Hawthorne Avenue Sewer:—				
Labor, as per pay roll . . .		$79 25		
Teaming, P. Biggin . . .		5 00		
			84 25	
Pearl Terrace Sewer:—				
Labor, as per pay-roll . . .			85 05	
Pilgrim Street Sewer:—				
Labor, as per pay roll . . .		$1,074 69		
Lumber, Geo. W Gale Lumber Co.		81 00		
Oil, Standard Oil Co. of New York		1 75		
Pipe and fittings, Waldo Bros. .		153 66		
Teaming, P. Biggin . . .		1 00		
			1,312 10	
Amounts carried forward . . .			$10,117 05	$15,000 00

Public Highways and Sanitation — Continued.

SEWER DEPARTMENT, CONSTRUCTION GENERAL—Concluded.

Amounts brought forward			$10,117 05	$15,000 00
For Sidney Street Sewer:—				
Labor, as per pay roll		$2,065 77		
Bricks:—				
Curtis & Pope Lumber Co.	$24 13			
New England Brick Co.	12 98			
		37 11		
Cement, David W Lewis Co.		13 44		
Gravel, Wm. B. Mullen		23 76		
Hardware, tools and repairs and supplies:—				
E T. Bynner	$1 50			
James Maitland	2 02			
Daniel J. Sullivan	1 70			
		5 22		
Lumber, Geo. W. Gale Lumber Co.		144 41		
Oil, Standard Oil Co. of New York		1 10		
Pipe and fittings:—				
Curtis & Pope Lumber Co.	$194 29			
Eastern Clay Goods Co.	97 77			
Waldo Bros.	419 11			
		711 17		
Teaming, P. Biggin		5 00		
			3,006 98	
Valentine Street Sewer:—				
Bricks, New England Brick Co.		$25 95		
Pipe and fittings:—				
Eastern Clay Goods Co.		216 97		
Teaming, P. Biggin		5 00		
			247 92	
York Street sewer:—				
Labor, as per pay roll		$1,227 11		
Lumber:—				
Geo. W. Gale Lumber Co.		107 98		
Pipe and fittings:—				
David W. Lewis Co.	$9 20			
Waldo Bros.	136 96			
		146 16		
Repairing tools, Daniel J. Sullivan		1 70		
Teaming, P. Biggin		11 66		
			1,494 61	
Total				14,866 56
Surplus of appropriation relinquished to General Treasury				$133 44

Public Highways and Sanitation — Continued.

IMPROVED SEWERAGE.

Appropriation				$5,815 42

EXPENDED.

For Hammond and Sacramento Streets District:—				
Labor, as per pay-roll		$4,117 35		
Fuel, Consumers' Coal Co.		38 04		
Gravel, Wm. B. Mullen		129 34		
Oil, Standard Oil Co. of N. Y.		12 65		
Pipe and fittings:—				
Eastern Clay Goods Co.		24 55		
Repairing tools, James Maitland		9 09		
Repairing hoisting engine and boiler:—				
Geo. E. Worthen		83 54		
Teaming, sundry persons		90 50		
Transfer:—				
Stock and labor, Water Dept.		22 65		
			$4,527 71	
Washington Street District:—				
Fuel, Consumers' Coal Co.			7 57	
Pearl Terrace:—				
Labor, as per pay-roll			311 65	
Columbia Street District:—				
Labor, as per pay-roll		$871 40		
Brick and cement:—				
Curtis & Pope Lumber Co.		25 95		
Hardware, tools and repairs and supplies:—				
E. T. Bynner	$11 87			
James Maitland	5 13			
		17 00		
Lumber, Geo. W. Gale Lumber Co.		40 35		
Teaming, P. Biggin		13 75		
			968 45	
Total				5,815 38
Surplus of appropriation relinquished to General Treasury				04

SEPARATE SYSTEM OF DRAINAGE.

Appropriation				$32,253 42

EXPENDED.

For Hammond and Wendell Street District:—				
Labor, as per pay roll		$13,053 43		
Boots, Robert Josselyn		108 72		
Bricks and cement:—				
Curtis & Pope Lumber Co	$989 72			
David W. Lewis Co.	228 97			
New England Brick Co.	90 82			
		1,309 51		
Amounts carried forward		$14,471 66		$32,253 42

Public Highways and Sanitation — Continued.

SEPARATE SYSTEM OF DRAINAGE—Continued.

Amounts brought forward		$14,471 66		$32,253 42
For castings:—				
Osgood & Witherly	$223 12			
Sessions Foundry Co.	133 58			
		356 70		
Fuel, Consumers' Coal Co.		81 73		
Gravel, Wm B. Mullen	$301 10			
John M. Riley	84 00			
		385 10		
Hardware, tools and repairs, and supplies:—				
Brock Bros	$28 50			
E. T. Bynner	271 06			
James Maitland	61 09			
Morss & Whyte Co.	8 00			
Daniel J. Sullivan	10 50			
		379 15		
Iron work, blacksmithing, etc.:—				
H. J. Shaw		62 00		
Lumber and mill work:—				
Geo. W. Gale Lumber Co.	$723 44			
J. H. Gerlach Co.	55 58			
		779 02		
Oil, Standard Oil Co. of New York		44 81		
Pipe and fittings:—				
Curtis & Pope Lumber Co.	$220 38			
Eastern Clay Goods Co.	702 13			
David W. Lewis Co.	267 89			
John M. Riley	399 92			
		1,590 32		
Teaming, sundry persons		191 13		
Use of engines and pumps:—				
Geo. E. Worthen		173 50		
Transfer:—				
Stock and labor, Water Dept.		27 15		
			18,542 27	
Cambridge Street District:—				
Award of damages on account of injury:—				
Henry C. Knott		53 45		
Execution of court for land taken:—				
Louisa M. Bullard		1,822 55		
Track work:—				
Boston Elevated Railway Co.		43 50		
Transfer:—				
Stock and labor, Water Dept.		6 50		
			1,926 00	
Cogswell Avenue District:—				
Labor, as per pay roll		14,998 42		
Bricks and cement:—				
Curtis & Pope Lumber Co.		673 89		
Castings, Sessions Foundry Co.		176 60		
Fuel, Consumers' Coal Co.		7 07		
Gravel, Wm. B. Mullen		91 81		
Amounts carried forward		$15,947 79	$20,468 27	$32,253 42

Public Highways and Sanitation — Continued.

SEPARATE SYSTEM OF DRAINAGE — Continued.

Amounts brought forward . .		$15,947 79	$20,468 27	$32,253 42
For hardware, tools and repairs, and supplies :—				
E. T. Bynner . . .	$164 53			
Frank Creighton . .	6 88			
Charles James . . .	6 38			
James Maitland . .	15 08			
Daniel J. Sullivan . .	27 80			
		220 67		
Heater, Campbell Iron Works .		25 00		
Lumber, Geo W. Gale Lumber Co.		732 20		
Machine work, H. J. Shaw . .		66 39		
Oil, Standard Oil Co. of New York		22 12		
Pipe and fittings :				
Eastern Clay Goods Co.	$709 54			
David W. Lewis Co. .	351 91			
John M. Riley . .	221 03			
Waldo Bros. . .	301 45			
		1,583 93		
Rubber boots, Robert Josselyn .		39 56		
Teaming, sundry persons . .		245 59		
Use of pump, Geo. E. Worthen .		43 00		
Transfer :				
Stock and labor, Water Dept. .		2 87		
			18,929 12	
Railroad Street District :				
Labor, as per pay roll . . .		$7,988 37		
Bricks and cement :—				
Curtis & Pope Lumber Co. . .		615 23		
Castings, The Sessions Foundry Co.		49 21		
Fuel, Consumers' Coal Co. . .		52 60		
Gravel, crushed stone and filling :—				
Wm. B. Mullen . .	$224 29			
Wm. J. McCarthy .	100 10			
David O'Mara . .	53 00			
		377 39		
Hardware, tools and repairs, and supplies :—				
E. T. Bynner . . .	$116 98			
Carson Trench Machine Co.	39 15			
Frank Creighton . .	6 87			
H Pill & Bro. . .	19 00			
H. A. Scranton . .	26 50			
Alden Speare's Sons Co.	8 40			
		216 90		
Heater, Campbell Iron works .		25 00		
Lumber, Geo. W. Gale Lumber Co.		1,036 72		
Machine work, H. J. Shaw . .		3 75		
Oil :—				
Thomas R. Nevins .	$13 95			
Standard Oil Co. of New York . .	7 09			
		21 04		
Amounts carried forward . . .		$10,386 21	$39,397 39	$32,253 42

Public Highways and Sanitation — Continued.

SEPARATE SYSTEM OF DRAINAGE—Concluded.

Amounts brought forward		$10,386 21	$39,397 39	$32,253 42
For pipe and fittings:—				
Eastern Clay Goods Co.	$114 00			
David W. Lewis Co.	176 59			
		290 59		
Rubber boots, Robert Josselyn		39 57		
Teaming, sundry persons		87 00		
Use of engines:—				
Daniel Marr & Co.	$132 00			
Geo. E. Worthen	69 00			
		201 00		
Transfer:—				
Stock and labor, Water Dept.		12 13		
			11,016 50	
Columbia Street District:—				
Labor, as per pay roll			330 21	
Total				50,744 10
Excess of expenditures over appropriation				$18,490 68
Additional appropriation				25,000 00
Balance relinquished to General Treasury				$6,509 32

SEWER DEPARTMENT, MAINTENANCE.

Appropriation	$20,000 00

Department Receipts Carried to General Treasury.

For cement, pipe, etc.	$141 61
Filling	49 10
Repairing drains, etc.	29 62
Sale of old material, etc.	75 21
	$295 54

EXPENDED.

For catch-basin repairs:—			
Labor, as per pay-roll		$671 98	
Bricks and cement:—			
Curtis & Pope Lumber Co	$213 32		
David W. Lewis Co.	20 16		
New England Brick Co.	12 98		
		246 46	
Frames, grates, covers and traps:—			
Osgood & Witherly	$134 48		
The Sessions Foundry Co.	258 48		
Austin Ford & Son	142 80		
New England Broom Co.	100 00		
		635 76	
Amounts carried forward		$1,554 20	$20,000 00

Public Highways and Sanitation — Continued.

SEWER DEPARTMENT, MAINTENANCE—Continued.

Amounts brought forward		$1,554 20		$20,000 00
For gravel, David O'Mara		5 00		
Pipe and fittings :—				
Eastern Clay Goods Co.	$2 04			
David W. Lewis Co.	32 19			
		34 23		
Sand, Wm. B. Mullen		6 70		
			$1,600 13	
Cleaning catch-basins :—				
Labor, as per pay-roll		$2,368 72		
Boots, oiled clothing, etc. :—				
Robert Josselyn	$39 56			
H. M. Sawyer & Son	12 84			
		52 40		
Repairing carts, Chas. Waugh & Co.		187 92		
Teaming :—				
John Horigan	$604 50			
John L. Jenness	2,847 00			
		3,451 50		
			6,060 54	
Cleaning and repairing gates :—				
Labor, as per pay-roll		$953 50		
Ladder, C. W. H. Moulton		7 50		
Packing :—				
Boston Woven Hose & Rubber Co.		2 28		
			963 28	
Cleaning sumps :—				
Labor, as per pay-roll			168 88	
Cleaning and flushing sewers :—				
Labor, as per pay-roll		$1,046 47		
Boots, oiled clothing, etc. :—				
Robert Josselyn	$39 57			
H. M. Sawyer & Son	12 84			
		52 41		
Diaphragms, Edson Mfg. Co.		14 94		
Hose and repairs :—				
Boston Woven Hose & Rubber Co.	$7 50			
J. M. Hardy	60 00			
		67 50		
Lumber, Geo. W. Gale Lumber Co.		10 36		
Repairing tools, James Maitland		9 65		
Repairing carts, Chas. Waugh & Co.		51 20		
Teaming, P. Biggin		5 25		
			1,257 78	
Manhole repairs :—				
Labor, as per pay-roll		$183 45		
Bricks, Curtis & Pope Lumber Co.		14 48		
Castings, Sessions Foundry Co.		43 00		
Repairing pattern, H. A. Scranton		11 25		
			252 18	
Sewer repairs :—				
Labor, as per pay-roll		$795 36		
Amounts carried forward		$795 36	$10,302 79	$20,000 00

Public Highways and Sanitation — Continued.

SEWER DEPARTMENT, MAINTENANCE—Continued,

Amounts brought forward		$795 36	$10,302 79	$20,000 00
For bricks and cement:—				
Curtis & Pope Lumber Co.	$226 51			
David W. Lewis Co.	17 31			
		243 82		
Castings, Sessions Foundry Co.		2 00		
Drains repaired:—				
Sarah A. Conlan	$9 23			
Samuel McCulloch	42 61			
		51 84		
Gravel and sand:—				
Wm. B. Mullen	$41 26			
David O'Mara	5 00			
		46 26		
Hardware, E. T. Bynner		6 60		
Lumber, Geo. W. Gale Lumber Co.		2 40		
Pipe and fittings:—				
David W. Lewis Co.		21 11		
Repairing key, T. M. Kenney		50		
Teaming:—				
P. Biggin	$2 50			
Thomas O'Hara	10 00			
		12 50		
			1,182 39	
Office expenses:—				
Salary of clerk, Mary E. Rowen		$346 25		
Stationery, printing, etc.:—				
Cambridge Chronicle		7 50		
Upholstering chair, John H. Kelsey		8 31		
Transfer:—				
Supplies, Postage and Stationery Account		19 00		
			381 06	
General expenses:—				
Salary of Superintendent of Sewers:—				
Theodore L. Pike		$2,000 00		
Labor, as per pay-roll		1,283 31		
Advertising:—				
Boston Herald Co.	$9 25			
Cambridge Chronicle	16 25			
		25 50		
Car tickets:—				
Boston Elevated Railway Co.		105 00		
Expressage, sundry persons		2 80		
Hardware, tools, and repairs and supplies:—				
E. T. Bynner	$51 11			
Chas. James	6 38			
James Maitland	21 85			
H. A. Scranton	26 09			
H. J. Shaw	14 23			
Sundry persons	1 90			
		121 56		
Heater, Campbell Iron Works		25 00		
Amounts carried forward		$3,563 17	$11,866 24	$20,000 00

Public Highways and Sanitation — Continued.

SEWER DEPARTMENT, MAINTENANCE—Concluded.

Amounts brought forward		$3,563 17	$11,866 24	$20,000 00
For telephone service		30 60		
Wagon repairs, Chas. Waugh & Co.		61 25		
Transfers :—				
Removing nests of brown tail moth, Park Dept.	$1 25			
Repairing scraper, Street Dept.	76			
Stock and labor, Water Dept.	3 05			
		5 06		
			3,660 08	
Stable account :—				
Labor, as per pay roll		$784 00		
Carriage and wagon repairs :—				
F. Ivers & Son		186 45		
Fuel, Consumers' Coal Co.		12 50		
Hardware, tools and repairs, and supplies :—				
E. T Bynner	$29 90			
Greene & Co.	12 40			
W. B. Hunt Co.	3 30			
		45 60		
Harness and repairs, and horse clothing :—				
M. Cavanagh	$2 00			
Wm. H. Roberts	28 55			
		30 55		
Hay, grain and straw :—				
Eclipse Animal Food Co.	$11 25			
E. R Luke & Co.	660 30			
L. G. Stone & Co.	7 50			
		679 05		
Horseshoeing :—				
W. F. Garrett	12 00			
I. J. Goodhue	35 50			
John F. Gurry & Sons	106 75			
		154 25		
Horse clipping, Harvard Horse Clipping Co.		9 00		
Lighting, Cambridge Elec. Light Co.		20 40		
Lumber and mill work :—				
Geo. W. Gale Lumber Co.	$8 88			
H. A. Scranton	2 40			
		11 28		
Repairing lights, F. Bryant & Co.		1 49		
			1,934 57	
Amounts carried forward			$17,460 89	$20,000 00

Public Highways and Sanitation — Continued.

SEWER DEPARTMENT, MAINTENANCE—Concluded.

Amounts brought forward			$17,460 89	$20,000 00
New Shed at Yard :—				
Labor, as per pay roll		793 00		
Hardware, tools and repairs :—				
E. T. Bynner	$34 61			
Daniel J. Sullivan	3 80			
		38 41		
Iron work, H. J Shaw		27 63		
Lumber and mill work: —				
Geo. W Gale Lumber Co.	$97 62			
H. A. Scranton	22 90			
		120 52		
Painting, M. A. Feeley		93 00		
Roofing, John J. Blevins		69 20		
			1,141 76	
Total				18,602 65
Surplus of appropriation relinquished to General Treasury				$1,397 35

BRIDGES. (4.12)

BOSTON BRIDGES.

SALARIES AND LABOR.

Appropriation			$8,700 00

EXPENDED.

For salaries of :—			
Bridge Commissioner :—			
Geo. M. Clukas		$700 00	
Clerks :—			
Daniel J. Byrne	$74 99		
Henry P. Fielding	37 51		
Chas. S. Parsons	52 08		
		164 58	
Draw-tenders and assistants at :—			
Boylston St. Bridge (North Harvard)	$514 00		
Brookline St. Bridge (Essex)	330 64		
Harvard Bridge	1,805 96		
Prison Point Bridge	1,507 00		
River St and Western Av. Bridges	1,695 14		
West Boston Bridge	1,974 11		
		7,826 85	
Total			8,691 43
Surplus of appropriation relinquished to General Treasury			$8 57

Public Highways and Sanitation — Continued.

BOSTON BRIDGES—Continued.

GENERAL EXPENSES.

Appropriation	$8,000 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For sale of old wood	$30 50
Wharfage	12 50
	$43 00

EXPENDED.

For office expenses :—				
Stationery, printing and office supplies :—				
A. R. Andrews	$1 12			
J. A. Cummings Printing Co.	1 25			
J. Frank Facey	4 00			
W. J. McGraw Stamp Co.	98			
		$7 35		
Telephone service		30		
Typewriting, A. R. Andrews		9 90		
			$17 55	
Boylston Street Bridge :—				
Hardware and supplies :—				
Sundry persons		$2 75		
Heater, J. T. Batcheller		2 87		
Lumber, Geo. W. Gale Lumber Co.		77 20		
Repairing bridge :—				
John T. Scully Foundation and Transportation Co.	$34 44			
H. J. Shaw	1 98			
		36 42		
			119 24	
Harvard Bridge :—				
Bedding, J. H. Corcoran & Co.		$7 88		
Cleaning bridge, Thomas O'Hara		122 13		
Current to draw :—				
Cambridge Electric Light Co.		20 00		
Fuel, Mass. Wharf Coal Co.		8 40		
Hardware and supplies :—				
E. T. Bynner	$28 61			
Dodge-Haley Co.	13 38			
Sundry persons	1 36			
		43 35		
Ice, Boston Ice Co.		4 50		
Labor :—				
Rebuilding sidewalks, City of Boston		1,457 97		
Lighting :—				
Cambridge Electric Light Co.	$660 00			
Edison Elec. Illuminating Co.	510 00			
		1,170 00		
Amounts carried forward		$2,834 23	$136 79	$8,000 00

Public Highways and Sanitation — Continued.

BOSTON BRIDGES, GENERAL EXPENSES—Continued.

Amounts brought forward		$2,834 23	$136 79	$8,000 00
For lumber and cement:—				
Geo W. Gale Lumber Co	$221 66			
Geo H. Jennings	191 64			
Geo. McQuesten Co.	3,130 87			
		3,544 17		
Oil, New England Oil Co.		3 00		
Paint, turpentine, etc.:—				
Dexter Bros. Co		40 21		
Repairs and maintenance of motors:—				
Boston Elevated Railway Co.		50 42		
Repairing bridge:—				
John T Scully Foundation & Trans. Co.	$163 95			
H. J. Shaw	31 87			
		195 82		
Sand and spreading:—				
John T. Scully Foundation & Transportation Co.		206 50		
Stationery:—				
City of Boston, Printing Dept.		12 29		
			6,886 64	
Prison Point Bridge:—				
Bedding, Geo. T. Horan		$3 25		
Fuel:—				
Consumers' Coal Co.	$5 52			
Mass. Wharf Coal Co.	5 60			
		11 12		
Hardware and supplies:—				
William Hewton	$2 12			
Geo. W. Hobbs	2 84			
Sundry persons	1 38			
		6 34		
Salt, Eastern Salt Co.		75		
Stationery:—				
City of Boston, Printing Dept.		4 59		
			26 05	
River Street Bridge:—				
Fuel, Mass Wharf Coal Co.		$5 60		
Hardware and supplies:—				
E. T. Bynner	$22 46			
Sundry persons	1 35			
		23 81		
Lighting, Camb. Elec Light Co		47 25		
Lumber, Geo. W. Gale Lumber Co.		98 43		
Repairing bridge:—				
John T Scully Foundation & Trans. Co.	$44 44			
H. J. Shaw	4 42			
		48 86		
			223 95	
Western Avenue Bridge:—				
Hardware and supplies:—				
Sundry persons		$3 97		
Lighting, Camb. Elec. Light Co.		47 25		
Amounts carried forward		$51 22	$7,273 43	$8,000 00

Public Highways and Sanitation — Continued.

BOSTON BRIDGES, GENERAL EXPENSES—Concluded.

Amounts brought forward . .		$51 22	$7,273 43	$8,000 00
For lumber :—				
Geo. W. Gale Lumber Co.	$63 37			
Wm. H. Wood & Co. .	4 18			
		67 55		
Repairing bridge :—				
John T. Scully Foundation & Trans. Co. .	$30 62			
H. J. Shaw . . .	16 18			
		46 80		
			165 57	
West Boston Bridge :—				
Cleaning bridge, Austin Ford & Son		$281 38		
Fuel :—				
Consumers' Coal Co. .	$5 52			
Mass Wharf Coal Co.	16 80			
		22 32		
Hardware, E. T. Bynner . .		7 75		
Ice, Independent Ice Co. . .		4 50		
Lighting :—				
Camb Elec. Light Co.	$236 25			
Edison Elec. Illum. Co.	372 30			
		608 55		
Moving pole, Edison Elec. Illum. Co.		4 58		
Oil, Standard Oil Co. . . .		8 00		
Stationery :—				
City of Boston, Printing Dept. .		12 29		
			949 37	
Total				8,388 37

Excess of expenditures over appropriation . . .	$388 37
Transfer to this account from Rebuilding Streets .	400 00
Balance relinquished to General Treasury . . .	$11 63

CAMBRIDGE BRIDGE.

Appropriation	$107,299 42

Department Receipts Carried to General Treasury.

For granite cap stone . .	$25 00
Paving blocks . . .	35 00
Rebate on bill . . .	10 92
	$70 92

EXPENDED.

For salaries of :—			
Commissioner, E. D. Leavitt .		$1,250 00	
Chief Engineer, Wm. Jackson .		1,500 00	
Assistant secretaries :—			
Edward A Counihan .	$125 00		
James A. McKibben. .	125 00		
		250 00	
Amounts carried forward . . .		$3,000 00	$107,299 42

Public Highways and Sanitation—Continued,

CAMBRIDGE BRIDGE—Continued.

Amounts brought forward		$3,000 00		$107,299 42
For assistant engineers:—				
John E. Cheney	$861 12			
L. F. Cutter	418 75			
G. E. Harkness	600 00			
H. F. Sawtelle	240 12			
M. G. Woodward	900 00			
		3,019 99		
Axeman, F. J. Steele		339 25		
Boatmen:—				
B. F. Fallon	$375 00			
W. J. Sheehan	312 50			
		687 50		
Draughtsmen:—				
E. L Russell	$5 00			
Paul S. Yendell	626 00			
		631 00		
Inspector J. R. Hews		707 50		
Messenger, C. P. Collins		375 00		
Rodman, J. E. Martin		158 00		
Tallyman, M. J. Shea		66 25		
Transitmen:—				
J. F. Gorman	$412 51			
F. M. Leonard	423 00			
		835 51		
Watchman, John J. Mogan		138 00		
Clerk:—				
Chas. S. Parsons	$125 00			
Wm. D. Nagle	200 00			
		325 00		
Stenographer, Timothy A. Butler		50 00		
			$10,333 00	
Advertising:—				
Boston Daily Advertiser		$4 82		
Boston Evening Record		2 37		
Boston Herald Co.		6 18		
Boston Transcript Co.		8 80		
Boston Traveler Co.		7 38		
Cambridge Chronicle		6 62		
Cambridge Sentinel Publishing Co.		5 50		
Cambridge Tribune		5 74		
Globe Newspaper Co.		10 74		
Hearst's Boston American		2 27		
Journal Newspaper Co.		8 48		
Post Publishing Co.		7 00		
Times Publishing Co.		6 25		
			82 15	
Blue print paper, Chas. E. Moss			8 00	
Borings, Gow & Palmer			63 76	
Car tickets:—				
Boston Elevated Railway Co.			2 50	
Amounts carried forward			$10,489 41	$107,299 42

Public Highways and Sanitation—Continued.

CAMBRIDGE BRIDGE—Continued.

Amounts brought forward		$10,489 41	$107,299 42
For carpentry:—			
John T. Scully Foundation and Transportation Co.		881 35	
Carriage hire, James F. Ormond		12 00	
Carving on piers 5 and 6:—			
John Evans & Co.		4,000 00	
Cash expended for sundries:—			
M. G. Woodward		113 29	
Cleaning and painting superstructure:—			
Phœnix Bridge Co.		3,714 88	
Frame and cover, City of Boston		4 32	
Fuel, Coleman Bros.		9 77	
Granite curbing, etc., John Harrington		775 57	
Granite furnished by Rockport Granite Co.:—			
For ramp of Elevated Railway	$541 50		
For four towers of abutments	5,091 50		
For parapet for ten piers	961 92		
		6,594 92	
Granolithic sidewalks:—			
Simpson Bros. Corporation		3,949 00	
Hardware, tools and supplies:—			
Aberthaw Construction Co.	$112 33		
E. B. Badger & Sons Co.	1 48		
C. L. Berger & Sons	6 75		
Dodge-Haley Co.	80 17		
New England Structural Co.	238 67		
		439 40	
Iron railing for central curbs, and extension:—			
W. A Snow Iron Works		3,725 71	
Iron work, H. J. Shaw		5 29	
Labor, drilling, etc:—			
New England Structural Co.		16 20	
Labor and materials furnished by Holbrook, Cabot & Rollins Corp.:—			
Four foundations of towers for Piers 5 and 6	$2,868 75		
Paving and laying edgestones	6,695 63		
Rebuilding sea wall	384 68		
Building temporary roadway	147 10		
Building south wall of Boston abutment	1,346 40		
Work on abutments	2,331 61		
Wooden fences on up-stream and down-stream side	791 70		
Masonry, repairs on wharves, etc.	470 38		
Cleaning sand from piers	53 01		
Amounts carried forward	$15,089 26	$34,731 11	$107,299 42

Public Highways and Sanitation—Continued.

CAMBRIDGE BRIDGE—Continued.

Amounts brought forward	$15,089 26	$34,731 11	$107,299 42
For granite parapet and steps for abutments, etc.	8,963 93		
Building fence	86 99		
Filling behind sea wall, Cambridge side	159 46		
Cambridge abutment and wing walls	8,598 59		
Fender on Broad Canal	212 50		
Erecting steel work on abutments	175 00		
Setting stone parapet	600 00		
Hoisting water from piers	61 73		
Recutting stone	383 66		
Laying pipe for electric wires and gas and making manhole covers	155 69		
Laying stone of four abutment towers	336 60		
Concrete forms	37 49		
Repairing storehouse and removing machinery from Ginty building	94 99		
Lightering stone	68 57		
		35,024 46	
Lighting, Edison Electric Illum. Co.		82 62	
Lumber:—			
Geo. W. Gale Lumber Co.	$1,994 52		
Wm. H. Wood & Co.	42 23		
		2,036 75	
Manhole covers, frames and castings:—			
G. W. & F. Smith Iron Co.		741 30	
Models of rail, lamp posts, piers and towers:—			
John Evans & Co.		843 33	
Moulding, pointing, etc.:—			
Austin Ford & Son		434 40	
Ornamental cast iron railing:—			
G. W. & F. Smith Iron Co.		3,557 25	
Paint:—			
Wadsworth, Howland & Co.	$1,298 19		
Watson, Hallett & Co.	830 51		
		2,128 70	
Painting steel work:—			
M. A. Feeley	$2,310 73		
Peter A. Hoban	1,546 40		
		3,857 13	
Paving blocks:—			
Pigeon Hill Granite Co.		2,115 55	
Paving roadway and waterproofing archway:—			
Daniel J. Kiley		434 54	
Pitching base under surface tracks:—			
Daniel J. Kiley		69 53	
Amounts carried forward		$86,056 67	$107,299 42

Public Highways and Sanitation—Continued.

CAMBRIDGE BRIDGE—Continued.

Amounts brought forward		$86,056 67	$107,299 42
For plans, E. M Wheelwright:—			
Professional services	$1,200 00		
Draughting	1,722 03		
		2,922 03	
Printing, stationery, etc.:—			
City of Boston		11 46	
Rent of room:—			
Catherine B. Rowe		260 00	
Rent of wharf:—			
Frank D. Allen, Receiver		100 00	
Services, appraising machinery, etc.:—			
Wm. G. Miller		25 00	
Services as inspector of repairs:—			
Geo. M. Clukas		175 00	
Setting granite parapets:—			
Jones & Meehan		385 20	
Shelter and staging:—			
John Evans & Co.		1,338 72	
Sidewalk stones:—			
Rockport Granite Co.		536 50	
Stones for south wing of Boston abatement:—			
Rockport Granite Co.		420 00	
Structural steel work for four towers:—			
New England Structural Co.		4,209 77	
Supports for manhole frames, beams, etc.:—			
New England Structural Co.		99 00	
Telephone service		48 17	
Temporary construction for arc lights:—			
Camb Electric Light Co.	$200 00		
Edison Electric Illuminating Co.	200 00		
		400 00	
Tower foundations:—			
Rockport Granite Co.		111 60	
Towers for Piers 5 and 6:—			
Jones & Meehan		40,132 75	
Typewriting, etc., A. R. Andrews		10 62	
Total expenses of bridge		$137,242 49	
Amounts carried forward		$137,242 49	$107,299 42

Public Highways and Sanitation—Continued.

CAMBRIDGE BRIDGE—Continued.

Amounts brought forward . .			$137,242 49	$107,299 42
APPROACH TO CAMBRIDGE BRIDGE.				
For land, Central National Bank of Boston			$49,967 75	
Expenses in connection with settlement of damages in case of Flora A. Ginty :—				
Award of damages, Flora A. Ginty		$15,800 00		
Certified copies of documents :—				
Edwin O. Childs, Register . .		33 00		
Examining titles, etc. :—				
Chas. D. Elliott		135 00		
Wm. V. Thompson . . .		200 00		
Information, plans, etc. :				
W. A. Mason & Son . . .		50 00		
			16,218 00	
Expenses of Engineering Dept. :—				
Engineers, as per pay roll . .		$336 25		
Laborers, as per pay roll . .		219 68		
Bricks, New England Brick Co. .		90 83		
Filling, J. F. Condon . . .		10 75		
Fuel, Consumers' Coal Co. . .		14 58		
Gravel, Wm. B. Mullen . . .		156 68		
Hardware, tools and repairs :—				
E. T. Bynner . .	$26 05			
H. J. Shaw . . .	12 14			
		38 19		
Pipe, Eastern Clay Goods Co. .		23 46		
Sand, Thomas O'Hara . . .		15 30		
Teaming, sundry persons . .		37 50		
Use of engine and pump :—				
George E. Worthen . . .		65 00		
			1,008 22	
Expenses of Street Department :—				
Labor, as per pay roll . . .		$7,986 57		
Advertising, Cambridge Chronicle		6 25		
Block filler, Warren Bros. Co. .		87 50		
Bricks, Parry Brick Co. . .		975 20		
Carriage hire, sundry persons .		6 00		
Car tickets :—				
Boston Elevated Railway Co. .		5 00		
Contract for constructing bridge and abutment at corner of First and Main Streets :—				
Wm. Crane		27,019 70		
Filling :—				
Patrick Brown . .	$43 05			
Coleman Bros. . .	46 75			
David O'Mara . .	14 90			
James P. McSorley .	9 00			
		113 70		
Amounts carried forward . . .		$36,199 92	$204,436 46	$107,299 42

Public Highways and Sanitation—Continued.

CAMBRIDGE BRIDGE, APPROACH TO CAMBRIDGE BRIDGE—Concluded.

Amounts brought forward		$36,199 92	$204,436 46	$107,299 42
For freight on gravel:—				
Boston & Maine R. R.		311 19		
Fuel, Consumers' Coal Co.		35 68		
Granite fence base:—				
Austin Ford & Son		765 15		
Hardware, tools and repairs and supplies:—				
Brock Bros.	$7 60			
E. T. Bynner	87 80			
Dyar Supply Co.	27 75			
		123 15		
Iron work, H. J. Shaw		71 81		
Lumber, Wm. H. Wood & Co.		414 23		
Oil, Thomas R. Nevins		65 50		
Sand, John T. Scully Foundation & Transportation Co.		411 33		
Stone:—				
Cracked stone:—				
Waltham Trap Rock Co.	$63 19			
Edgestone:—				
John J. Horgan	104 67			
S. & R. J. Lombard	197 20			
Flagging:—				
John J. Horgan	77 70			
S. & R. J. Lombard	47 50			
Granite paving blocks:—				
S. & R. J. Lombard	8,471 65			
Pebble stones:—				
John T. Scully Foundation & Trans. Co.	14 40			
		8,976 31		
Teaming:—				
Sundry persons as per pay roll		1,315 63		
			48,689 90	
Total				253,126 36
Excess of expenditures over appropriation				$145,826 94
Additional appropriation				150,000 00
Balance relinquished to General Treasury				$4,173 06

SUMMARY CAMBRIDGE BRIDGE.

Expended for bridge	$137,242 49
Expended for approach	115,883 87
	$253,126 36

Public Highways and Sanitation—Continued.

BROOKLINE BRIDGE APPROACH.

Appropriation				$20,000 00
EXPENDED.				
Expended by Engineering Dept. :—				
For labor, as per pay-roll		$61 95		
Advertising :—				
Boston Herald Co.	$17 24			
Cambridge Chronicle	8 00			
		25 24		
Bricks, Curtis & Pope Lumber Co.		28 96		
Castings, Barbour-Stockwell Co.		16 50		
Contract for filling, Wm. B. Mullen		16,716 62		
Constructing bulkhead, W. H. Ellis		31 50		
Filling :—				
James Culhane	$5 25			
M. Shea	128 25			
		133 50		
Hardware, E. T. Bynner		2 00		
Moving building of Bradford Boat Club :—				
H. S. Angus & Son		425 00		
Pipe, David W. Lewis Co.		23 86		
Transfer :—				
Frames, grates, etc., Sewer Dept.		38 71		
			$17,503 84	
Expended by Street Dept. :—				
Labor, as per pay-roll		$2,150 67		
Bricks, Parry Brick Co.		148 80		
Edgestones, John J. Horgan		767 00		
Freight on gravel :—				
Boston & Maine R. R.		17 85		
Fuel, Consumers' Coal Co.		8 35		
Gutter stone, S. & R. J. Lombard		186 45		
Hardware, tools and supplies :—				
Jos. Breck & Sons Corp.	$8 00			
Brock Bros.	6 10			
Dodge-Haley Co.	36 65			
		50 75		
Lumber, Geo. W. Gale Lumber Co.		224 90		
Teaming :—				
Sundry persons, as per pay-roll		457 50		
			4,012 27	
Total				21,516 11
Excess of expenditures over appropriation				$1,516 11
Additional appropriation				5,000 00
Balance relinquished to General Treasury				$3,483 89

Public Highways and Sanitation—Continued.

BRIDGES, STREET DEPARTMENT.

Appropriation				$4,200 00
EXPENDED.				
For salaries of draw-tenders:—				
John Gaughan		$1,000 00		
James Corbalis		915 12		
			$1,915 12	
Assistants:—				
Geo A. Cutting		$100 00		
Wm. L Martin		38 00		
Hugh F. O'Rourke		42 00		
			180 00	
First Street Bridge:—				
Labor, as per pay roll		$230 01		
Door, Carlisle-Ayer Co.		4 25		
Hardware, E. T. Bynner		8 80		
Lumber, Wm. H. Wood & Co.		223 70		
Motors and installing:—				
Cambridge Electric Light Co.	$235 91			
H. J. Shaw	123 00			
		358 91		
Repairing latches, gearing and shafting:—				
H. J. Shaw		48 24		
			873 91	
Third Street Bridge:—				
Labor, as per pay roll		$10 56		
Lumber, Wm. H. Wood & Co.		32 28		
			42 84	
Sixth Street Bridge:—				
Labor, as per pay roll		$53 38		
Hardware:—				
E. T. Bynner	$1 33			
Dodge-Haley Co.	39 80			
		41 13		
Lumber, William H. Wood & Co.		59 44		
			153 95	
Walden Street Bridge:—				
Labor, as per pay roll		$135 96		
Advertising, Boston Herald Co.		6 12		
Lumber, Geo. W. Gale Lumber Co.		91 86		
Repairs:—				
James Flynn Architectural Iron Works Co.		837 00		
			1,070 94	
Wellington Street Bridge:—				
Labor, as per pay roll		$19 06		
Hardware, Brock Bros.		2 70		
Lumber, Geo. W. Gale Lumber Co.		30 00		
			51 76	
Amounts carried forward			$4,288 52	$4,200 00

Public Highways and Sanitation—Continued.

BRIDGES, STREET DEPARTMENT—Concluded.

Amounts brought forward		$4,288 52	$4,200 00
For Huron Avenue Railroad Bridge:—			
Labor of sectionmen, Boston & Maine Railroad	$19 80		
Paint, Waterproof Paint Co.	11 00		
		30 80	
Total			4,319 32
Excess of expenditures over appropriation			$119 32
Transfer to this account from Rebuilding Streets			125 00
Balance relinquished to General Treasury			$5 68

MISCELLANEOUS. (4.13)

DAMAGES TO PERSONS AND PERSONAL PROPERTY.

Appropriation			$4,000 00
EXPENDED.			
For execution of court:—			
Lelia P. Clark		$300 00	
Damages awarded:—			
Walter S. Blake	$125 00		
John Brown	125 00		
Bridget Dee	15 00		
Julia DeSautelle	50 00		
Alice G. Duffee	17 00		
Mary Goodrich	375 00		
Rebecca Gurney	254 48		
Sarah F Holmberg	10 00		
Catherine Keneally	250 00		
Dennis and Annie McCarthy	75 00		
Bertha M. McCaul	5 00		
Louis C. Mullett	10 00		
Peter Nelligan	50 00		
Anne O'Connell	600 00		
Thos H O'Neil	26 69		
Elizabeth W. Strong	150 00		
		2,138 17	
Total			2,438 17
Surplus of appropriation			$1,561 83
Transfer from this account to School Salaries			1,100 00
Balance relinquished to General Treasury			$461 83

Public Highways and Sanitation—Concluded.

CIVIL SERVICE DEPARTMENT.

Appropriation		$350 00
EXPENDED.		
For salary of clerk, Harry L. Lincoln .	$299 97	
Binding, David Farquhar . .	2 20	
Stationery, Wm. M. L. McAdams .	47 35	
Total		349 52
Surplus of appropriation relinquished to General Treasury		48

SCHEDULE A-VIII

APPROPRIATIONS AND EXPENDITURES

NO. 5

MUNICIPAL ENTERPRISES

5. MUNICIPAL ENTEPRISES.

WATER DEPARTMENT. (5.1)

CONSTRUCTION, GENERAL.

Appropriation	$15,000 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For labor and materials	$1,716 89
Premium on bonds sold	18,927 70
	$20,644 59

EXPENDED.

For labor, as per pay-roll . . .		$6,201 66	
Advertising, Cambridge Chronicle		30 00	
Car service, Boston & Maine R. R.		11 00	
Cement, Eastern Clay Goods Co. .		42 56	
Expense on account of putting water pipe under tracks :—			
Boston & Maine R. R. . . .		16 28	
Expressage :—			
Dodge Express Co.	$16 70		
Sawin's Express	75		
		17 45	
Freight, Boston & Maine R. R. . .		6 74	
Gate boxes, Walworth Mfg. Co. .		270 75	
Hardware, tools and repairs, and supplies :—			
Harold L. Bond Co.	$22 59		
E. T. Bynner	33 00		
Dodge-Haley Co.	10 00		
Thomas F. Kelly	1 75		
Perrin, Seamans & Co. . . .	4 50		
Roberts Iron Works Co. . .	2 04		
		73 88	
Ice water fountain :—			
Pawtucket Foundry Co. . .		340 00	
Lead :—			
Fitz, Dana & Co.	$406 41		
Waite, Ranlet & Co. . . .	415 44		
		821 85	
Lumber :—			
Geo. W. Gale Lumber Co. . .	$4 77		
Watertown Lumber Co. . .	1 06		
		5 83	
Masonry for fountain, John B. Byrne .		120 51	
Meters, fittings and repairs :—			
Hersey Manufacturing Co. . .		40 00	
Amounts carried forward . . .		$7,998 51	$15,000 00

Municipal Enterprises—Continued.

WATER DEPARTMENT—Continued.

CONSTRUCTION, GENERAL—Concluded.

Amounts brought forward . .		$7,998 51	$15,000 00
For pipe and fittings :—			
Barbour-Stockwell Co. . . .	$389 26		
Blanchard Machine Co. . . .	12 17		
Builders Iron Foundry . . .	241 06		
City of Boston	50 43		
Davis & Farnum Mfg. Co. . .	679 76		
U S. Cast Iron Pipe & Foundry Co	9,178 24		
Sundry persons	7 12		
Walworth Manufacturing Co. .	20 60		
		10,578 64	
Setting up derrick, Andrew A. Magnus		6 20	
Stone work :—			
Alexander McDonald & Son . .		6 00	
Taxable costs in suit of Gray :—			
Ropes, Gray & Gorham . .		185 81	
Teaming :—			
Thomas Campbell . . .	$49 00		
Elizabeth Cox	27 50		
James Gray . . .	5 00		
		81 50	
Valves, hydrants and fittings :—			
Chapman Valve Manufacturing Co.	$627 86		
A. P. Smith Manufacturing Co. .	47 30		
Walworth Manufacturing Co. .	13 74		
Water Works Equipment Co. .	27 50		
		716 40	
Sundries		1 67	
Transfers :—			
Gravel, Street Department . .	$18 00		
Pipe, Sewer Department . .	7 08		
		25 08	
Total			19,599 81
Excess of expenditures over appropriation . . .			$4,599 81
Transfer to this account from Meters		3,500 00	
Additional appropriation		$1,100 00	
			4,600 00
Balance relinquished to General Treasury . . .			19

CONSTRUCTION, BROAD CANAL CONDUITS.

Appropriation			$20,000 00

EXPENDED.

For advertising :—			
Boston Herald Co.	$15 76		
Cambridge Chronicle . . .	7 25		
Globe Newspaper Co. . . .	15 70		
		$38 71	
Amounts carried forward . , .		$38 71	$20,000 00

Municipal Enterprises—Continued.

WATER DEPARTMENT—Continued.

CONSTRUCTION, BROAD CANAL CONDUITS—Concluded.

Amounts brought forward . .	$38 71	$20,000 00
For borings, Chas. R. Gow Co. . .	150 00	
Blue print paper, B. L. Makepeace.	1 75	
Total		190 46
Surplus of appropriation		$19,809 54
Additional appropriation		3,000 00
		$22,809 54

SERVICES OF CITY SOLICITOR.

Appropriation		$1,000 00

EXPENDED.

For services of City Solicitor, Law Department	$1,000 00	
Total		1,000 00

CONSTRUCTION, METERS.

Appropriation			$1,495 00

EXPENDED.

For labor, as per pay-roll . . .		$269 00	
Expressage, sundry persons . .		60	
Hardware and supplies :—			
Boston Belting Co. . . .	$4 48		
Walworth Manufacturing Co. .	4 96		
		9 44	
Meters and fittings :—			
Hersey Manufacturing Co. . .	$4 69		
Meter Appliance Co. . . .	55 20		
Neptune Meter Co . . .	12 87		
Thomson Meter Co . . .	1 94		
Walworth Manufacturing Co. .	16 26		
Henry R. Worthington . . .	13 43		
		104 39	
Pipe, David W. Lewis Co. . .		11 34	
Total			394 77
Surplus of appropriation			$1,100 23
Transfer from this account to Construction General .			1,100 00
Balance relinquished to General Treasury . . .			23

Municipal Enterprises—Continued.

WATER DEPARTMENT—Continued.

CONSTRUCTION, HOBBS' BROOK CONDUIT.

Appropriation			$298,662 53

Department Receipts Carried to General Treasury.

For cement bags returned	$1,910 35

EXPENDED.

For services of civil engineer and expenses, Freeman C. Coffin:—			
Personal services	$2,537 50		
Assistants and expenses	1,432 64		
		$3,970 14	
Salaries of:—			
Superintendent of construction:—			
Chas. G. Craib	$2,762 50		
Gen'l inspector, Edward W. Quinn	830 00		
Clerk, Mabel M. Robbins	157 00		
Clerk of Water Board:—			
W. H Harding	100 00		
Laborers, as per pay roll	183,821 77		
Engineers, as per pay roll	3,045 44		
		190,716 71	
Advertising:—			
Cambridge Chronicle	$27 75		
Cambridge Sentinel Pub'g Co.	9 00		
Cambridge Tribune	27 50		
Times Publishing Co.	20 00		
		84 25	
Analyses of cement, Nelson A. Hallett		350 00	
Bicycle repairs:—			
A. E Lyford	$9 50		
Wm Noonan	5 00		
Geo. F. Schwartz Co.	25		
M. H. Sullivan	7 50		
		22 25	
Boots, oiled clothing, etc.:—			
American Rubber Co.	$510 27		
H. M Sawyer & Son	64 68		
		574 95	
Borings, The Charles R. Gow Co.		214 75	
Bricks, New England Brick Co.		127 00	
Building cellar to barn:—			
James Mahoney		526 00	
Carpentry, Thomas Powers		384 00	
Car tickets and transportation:—			
Boston Elevated Railway Co.	$227 50		
Boston & Maine R. R.	27 20		
Newton Street Railway Co.	25 00		
		279 70	
Car fares of laborers		1,005 90	
Amounts carried forward		$198,255 65	$298,662 53

Municipal Enterprises—Continued.

WATER DEPARTMENT—Continued.

CONSTRUCTION, HOBBS' BROOK CONDUIT—Continued.

Amounts brought forward		$198,255 65	$298,662 53
For cash expended for car fares, etc. :—			
R. B Allyn	$16 80		
Frank A. Bayley	5 05		
L. M. Hastings	2 40		
		24 25	
Cement :—			
David W. Lewis Co.	$415 10		
Waldo Bros.	23,069 04		
		23,484 14	
Coach for paymaster, John J. Shea		140 00	
Construction of services :—			
Watertown Water Department		29 30	
Copper gutters and conductors :—			
E. B. Badger & Sons Co.		125 00	
Doors, windows, etc. :—			
Thos. J. Johnson & Co.		65 43	
Driving piles :—			
John T. Scully Foundation & Transportation Co.		1,023 53	
Examining titles :—			
Stone, Dallinger & Bancroft	$115 00		
Geo. D. Wildes	75 00		
		190 00	
Expense of rebuilding Arsenal St. :—			
Town of Watertown		7,765 35	
Expense of putting timbers under railroad tracks :—			
Boston & Maine R. R.		158 92	
Expressage and teaming :—			
Anderson's Express	40		
Boston Forwarding and Transfer Co.	18 69		
C. P. Callahan	31 65		
Thos. Campbell	30 00		
Dodge Express Co.	75		
King, Boyd & Co.	391 00		
Snow Forwarding Co.	37 50		
Sundry persons, as per pay roll	15,834 50		
		16,344 49	
Freight, Boston & Maine R. R.		132 80	
Fuel :—			
Bay State Fuel Co.	$49 50		
W. H. Pevear & Co.	1,702 27		
		1,751 77	
Amounts carried forward		$249,490 63	$298,662 53

Municipal Enterprises—Continued.

WATER DEPARTMENT—Continued.

CONSTRUCTION, HOBBS' BROOK CONDUIT—Continued.

Amounts brought forward		$249,490 63	$298,662 53
For gravel:—			
Thomas J. Gavin Co.	694 40		
John T. Joyce	2,292 75		
		2,987 15	
Hardware, tools and repairs, and supplies:—			
Aberthaw Construction Co.	51 43		
Barbour-Stockwell Co.	33 51		
Harold L. Bond Co.	665 25		
Boston Belting Co.	11 65		
Boston Bolt Co.	119 50		
Boston Engineers' Supply Co.	1,172 90		
Brock Bros	188 71		
Brock & Eaton	183 71		
G. W. Burditt	166 08		
John Burke	10 77		
E T. Bynner	472 29		
Campbell Iron Works	16 10		
P. J. Carmichael	100 87		
A. W. Chesterton & Co.	16 85		
Chas. G. Craib	85 00		
Louis W. Cutting Co.	8 65		
Edson Manufacturing Co.	21 60		
Henry F. Farrow & Co.	6 75		
A C. Fletcher	1,324 49		
Fred A Houdlette & Son	1,731 33		
H. James & Son	13 50		
P. F. Keefe	16 51		
Morss & Whyte Co..	18 25		
Moynahan & Co.	143 64		
Perrin, Seamans & Co.	204 69		
H. Pill & Bro	46 63		
A. M Robbins	384 21		
Sessions Foundry Co.	291 00		
L. A. Stingel	126 06		
Walworth Manufacturing Co.	40 27		
A M Wood Co.	333 34		
Sundry persons	20 94		
		8,026 48	
Hay:—			
S B. Green & Co.	$70 56		
Frank J O'Reilley.	1 35		
		71 91	
Instruments and repairs:—			
C. L. Berger & Sons	$26 85		
Chicago Steel Tape Co.	6 00		
Frost & Adams Co.	28 96		
Wm. H Roberts	50		
		62 31	
Iron fence for weir chamber:—			
A. Simpson		65 93	
Amounts carried forward		$260,704 41	$298,662 53

Municipal Enterprises--Continued.

WATER DEPARTMENT—Continued.

CONSTRUCTION, HOBBS' BROOK CONDUIT—Continued.

Amounts brought forward . .		$260,704 41	$298,662 53
For labor, moving poles and construction work :—			
Newton & Watertown Gas Lt. Co.		321 47	
Land and damage :—			
George Bleiler . . .	$25 00		
Chas. E. & Agnes A. Blodgett . .	25 00		
Boston & Maine R. R. . . .	243 75		
Roland W. Boyden . . .	650 00		
Sarah L Chadbourne . . .	500 00		
Angelo Contieri	10 00		
John A & Emma C. Cox, Trustees	300 00		
Emma C. Cox	350 00		
Harry A. Crawford . . .	250 00		
Angeline C. Crawford . .	750 00		
Emma J. Davenport . . .	2,500 00		
John W Hinckley	1,200 00		
Mrs. J. H. Kennedy . . .	5 00		
Maria J Leighton	1,650 00		
Joseph F Noera	925 00		
Mrs. Harry O'Brien . . .	5 00		
Mrs James Reid	5 00		
Mrs. James. Reid, Agent for Cox estate	5 00		
Margaret Sullivan	150 00		
		9,548 75	
Lighting :—			
Newton & Watertown Gas Light Co.		146 67	
Looking up locations and getting necessary information :—			
Chas. G. Craib		100 00	
Lowering 20-inch main at Irving and Arsenal Streets :—			
Metropolitan Water and Sewerage Board		236 32	
Lumber and mill work :—			
Curtis & Pope Lumber Co. . .	$57 73		
Ira G. Hersey	246 78		
Watertown Lumber Co. . .	10,402 36		
Wm. H. Wood & Co. . . .	182 51		
		10,889 38	
Moving buildings, H. S. Angus & Son		200 00	
Negatives, Whitney & Son . .		214 50	
Office furniture :—			
Phillips Bros. & Co. . .	$24 50		
Yawman & Erbe Mfg. Co. . .	40 70		
		65 20	
Amounts carried forward . . .		$282,426 70	$298,662 53

Municipal Enterprises—Continued.

WATER DEPARTMENT—Continued.

CONSTRUCTION, HOBBS' BROOK CONDUIT—Continued.

Amounts brought forward		$282,426 70	$298,662 53
For oil:—			
Brock & Eaton	$7 50		
Thomas R Nevins	124 76		
New England Oil Co.	89 85		
John O'Connell	1 26		
Standard Oil Co.	45 85		
		269 22	
Pipe and fittings:—			
Harold L Bond Co.	$195 60		
Builders Iron Foundry	79 20		
Davis & Farnum Mfg Co.	413 12		
David W Lewis Co.	3 60		
Ludlow Valve Mfg. Co.	36 94		
Metropolitan Water and Sewerage Board	247 96		
Roberts Iron Works Co.	285 00		
		1,261 42	
Plumbing:—			
John Burke	$58 60		
John H. Stevens & Co.	13 67		
		72 27	
Premium for liability insurance:—			
Samuel Appleton		3,743 35	
Professional services:—			
Frank R. Silver, M. D.		2 00	
Pulsometer, Chas. G. Craib		200 00	
Recording documents:—			
E. O Childs, Register		13 75	
Rent of barn, lands, etc. for storage:—			
Emma C Cox	24 00		
John F. McDonough	185 00		
Estate of Reuben Puffer	60 00		
Alice M. Silsbee	75 00		
		344 00	
Rental of machinery and erection of same:—			
Harold L Bond Co.	$82 00		
Carson Trench Machine Co.	2.960 97		
Wm. Dwyer & Co.	370 00		
C. C Rollins	722 00		
Geo. E. Worthen	1,055 60		
		5,190 57	
Repairing chimney, John B Byrne		8 24	
Repairing safe:—			
Morris-Ireland Safe Co.		23 00	
Retainers in damage cases:—			
Fred E Critchett	$100 00		
S. S. Gleason	100 00		
Chester Sprague	100 00		
		300 00	
Amounts carried forward		$293,854 52	$298,662 53

Municipal Enterprises—Continued.

WATER DEPARTMENT—Continued

CONSTRUCTION, HOBBS' BROOK CONDUIT—Continued.

Amount brought forward		$293,854 52	$298,662 53
For slating roof of gate-house:—			
John J. Blevins		120 00	
Stationery, printing, and office supplies:—			
Boston Stencil and Stamp Works	$5 85		
Brooks Bank Note Co.	12 00		
Cambridge Chronicle	164 75		
Cotton & Gould	9 00		
Wm. M L McAdams	18 42		
Chas. E. Moss	4 70		
Remington Typewriter Co.	15 35		
Yawman & Erbe Mfg. Co	39 00		
Sundry persons	2 85		
		271 92	
Stone:—			
T. F. Kelly	$9 11		
John M. Riley	62 36		
Waltham Trap Rock Co.	463 26		
		534 73	
Telephone service		111 55	
Testing iron bars:—			
Watertown Arsenal		8 25	
Tracks, cars, etc., Sherburne & Co.		645 50	
Use of horse and buggy:—			
Cambridge Coach Co.	$45 00		
John A. Hubbard	300 00		
		345 00	
Wagon repairs, E. P. Keefe		2 00	
Water used:—			
J W. Hinckley	$20 56		
Watertown Water Dept.	307 92		
City of Waltham	17 08		
		345 56	
Work on water pipes:—			
Watertown Water Dept.		575 69	
Transfers:—			
Supplies, Postage and Stationery Account		55 70	
Expenses of inspection by Water Board:—			
Carriage hire:—			
J. J. Callahan	$9 00		
John J Corkery	30 00		
Chas W. Dailey Corporation	9 00		
Geo. E. Francis	14 00		
Amounts carried forward	$62 00	$296,870 42	$298,662 53

Municipal Enterprises—Continued.

WATER DEPARTMENT—Continued.

CONSTRUCTION, HOBBS' BROOK CONDUIT—Concluded.

Amounts brought forward	$62 00	$296,870 42	$298,662 53
For expenses of inspection by Water Board, Carriage hire—Concluded—			
John A Hubbard	28 00		
Frank P. Merrill	10 00		
Geo. D. Merrill	14 00		
Michael J. Murphy	38 00		
Fred D. Norton	25 00		
H. K. Parsons & Co.	5 00		
Potter's Stables	1 50		
G F. Whiting & Co.	22 00		
		205 50	
Refreshments:—			
Emma G. Bryant	$75 40		
Holderer & Macdonald	18 25		
Riverbank-Court Hotel Co	60 15		
S. J. Ross	35 00		
		188 80	
Special car, Newton St. Railway Co.		11 00	
Total			297,275 72
Surplus of appropriation relinquished to General Treasury			$1,386 81

MAINTENANCE.

SALARIES OF SUPERINTENDENT, REGISTRAR, CLERK OF BOARD, INSPECTORS AND CLERKS.

Appropriation			$10,980 00
EXPENDED.			
For salaries of:—			
Superintendent, E C. Brooks		$2,000 00	
Registrar and Clerk of Board:—			
W. H. Harding		2,200 00	
Inspectors:—			
F. G. Davis	$1,000 00		
C. E. McGuire	1,000 00		
Jeremiah J. Reagan	942 00		
		2,942 00	
Clerks:—			
Harry L. Lincoln	$1,200 00		
F. W Cone	1,046 67		
Hattie F. Milligan	785 00		
Mabel M. Robbins	628 00		
		3,659 67	
Total			10,801 67
Surplus of appropriation relinquished to General Treasury			$178 33

Municipal Enterprises—Continued.

WATER DEPARTMENT—Continued.

MAINTENANCE—Continued.

GENERAL EXPENSES.

Appropriation	$25,000 00

Department Receipts Carried to General Treasury.

For maintenance	$1,800 09
Off and on	433 00
Rent	176 00
Seals	65 25
Supply	4,102 03
Accrued interest	1,529 24
Rates, fines, etc.	359,864 24
	$367,969 85

EXPENDED.

For labor, as per pay-roll		$17,324 25	
Salary of Treasurer of Water Loan Sinking Fund:—			
Wm. W. Dallinger		200 00	
Advertising:—			
Cambridge Chronicle	$7 25		
Times Publishing Co.	5 00		
		12 25	
Ash roll, H. A. Scranton		5 00	
Boots, Estate of S. L. Nickerson		3 50	
Car tickets:—			
Boston Elevated Railway Co.		225 00	
Carriage hire:—			
Cambridge Coach Co.	$6 50		
G. F. Whiting & Co.	211 00		
		217 50	
Carriage and wagon repairs:—			
Chas. Waugh & Co.		166 92	
Chair, Paine Furniture Co.		25 50	
Cleaning clock, A. J. Applegate Co.		2 00	
Copying deeds, Carrie A. Estes		3 00	
Directories:—			
W. A. Greenough & Co.	$4 00		
Sampson & Murdock Co.	6 00		
		10 00	
Damages from bursting of water main:—			
John F. Doherty	$10 00		
John McHugh	50 00		
Mary McKenzie	5 00		
Robert Printon	50 00		
		115 00	
Amounts carried forward		$18,309 92	$25,000 00

Municipal Enterprises—Continued.

WATER DEPARTMENT—Continued.

MAINTENANCE, GENERAL EXPENSES—Continued.

Amounts brought forward		$18,309 92	$25,000 00
For damage from freezing of water pipes:—			
Campbell Iron Works		25 75	
Disinfectant, Elie H. La Pierre		40	
Drinking cups:—			
Pawtucket Foundry Co.		12 00	
Expressage:—			
American Express Co.	$5 10		
Dodge Express Co.	21 00		
Sundry persons	3 35	29 45	
Frieght, Boston & Maine R. R.		4 34	
Fuel:—			
Coleman Bros.	$18 75		
Bay State Fuel Co.	12 50		
Wellington Wild Coal Co.	50 00	81 25	
Hardware, tools and repairs and supplies:—			
Barbour-Stockwell Co.	$26 00		
Blanchard Machine Co.	19 34		
Harold L. Bond Co.	10 95		
Boston Belting Co.	16 15		
Jos. Breck & Sons, Corporation	2 50		
The Bristol Co.	7 50		
G. W. Burditt	3 40		
E. T. Bynner	110 49		
Carpenter-Morton Co.	3 76		
Charles Carr	10 75		
Chandler & Farquhar Co.	41 57		
Dennison Manufacturing Co.	3 50		
Joseph Dixon Crucible Co.	3 50		
Eastern Clay Goods Co.	14 80		
Edson Manufacturing Co.	3 25		
Henry F. Farrow & Co.	12 10		
Greene & Co.	8 65		
Harrington, King & Co.	5 06		
Hersey Manufacturing Co.	4 21		
J. A. Holmes & Co.	3 01		
C. H. Lake	4 50		
David W. Lewis Co.	5 53		
James Maitland	178 88		
National Paint & Varnish Co.	5 00		
S. M. Spencer Manufacturing Co.	2 93		
Walworth Manufacturing Co.	59 60		
Watson Hallett Co.	13 50		
Sundry persons	9 45	589 88	
Amounts carried forward		$19,052 99	$25,000 00

Municipal Enterprises—Continued.

WATER DEPARTMENT—Continued.

MAINTENANCE, GENERAL EXPENSES—Continued.

Amounts brought forward		$19,052 99	$25,000 00
For harness and repairs and horse clothing :—			
M. Cavanagh	$30 70		
Owen Doherty	63 50		
Wm. H Roberts	62 30		
Sartwell, Heinold & Humphrey	19 41		
		175 91	
Hay, grain and straw, etc. :—			
J. Cushing & Co.	$536 88		
Eclipse Animal Food Co.	9 00		
Henry S. Harris & Son	4 95		
		550 83	
Horse, Wheeler, McElvern & Co.		220 00	
Horseshoeing :—			
Wm. Balmer	$98 00		
John F. Gurry & Sons	9 75		
Thos. Smith & Sons	111 75		
		219 50	
Horse clipping :—			
Harvard Horseclipping Co.		6 00	
Ice, Fresh Pond Ice Co.		6 71	
Lighting, Cambridge Gas Light Co.		17 90	
Lumber, Geo. W. Gale Lumber Co.		256 68	
Meters, fittings and repairs :—			
Hersey Manufacturing Co.	$57 32		
National Meter Co.	10		
Neptune Meter Co.	13 40		
Thomson Meter Co.	17 49		
Union Water Meter Co.	95 25		
Henry R. Worthington	6 85		
		190 41	
Motor service :—			
Cambridge Electric Light Co.		62 29	
Oil, Standard Oil Co.		70 20	
Paving blocks, S. & R. J. Lombard		28 00	
Painting fountains :—			
Geo. E. Sawyer & Co.		4 50	
Pipe fittings and repairs :—			
Chadwick-Boston Lead Co.	$8 86		
Walworth Manufacturing Co.	927 80		
		936 66	
Plumbing :—			
Wm H. O'Leary	$27 80		
Herbert L. Rose	10 50		
Thomas Sweeney & Co.	4 86		
		43 16	
Amounts carried forward		$21,841 74	$25,000 00

Municipal Enterprises—Continued.

WATER DEPARTMENT—Continued.

MAINTENANCE, GENERAL EXPENSES—Continued.

Amounts brought forward		$21,841 74	$25,000 00
For rent of safe deposit box :—			
Cambridge Trust Co.		40 00	
Repairing chair, David Thomson		1 00	
Services as electrical expert :—			
Charles H. Morse		200 00	
Standpipes, hydrants, etc. :—			
Chapman Valve Mfg. Co.	$537 55		
Coffin Valve Co.	8 70		
Davis & Farnum Mfg. Co.	40 00		
Norwood Engineering Co.	19 50		
		605 75	
Stationery, printing and office supplies :—			
Cambridge Chronicle	$198 00		
Cotton & Gould	45 75		
J. A. Cummings Printing Co.	231 64		
Dennison Manufacturing Co.	4 55		
Wm. M. L. McAdams	145 31		
Thorp & Martin Co.	6 68		
Sundry persons	2 85		
		634 78	
Subscriptions :—			
Engineering News Pub'g Co.	$5 00		
Geo. E. French	7 50		
Water & Gas Review Pub'g Co.	1 00		
		13 50	
Taxes :—			
Town of Belmont	$292 68		
Town of Lexington	248 14		
Town of Lincoln	99 55		
Town of Weston	63 00		
City of Waltham	565 94		
		1,269 31	
Telephone service		148 80	
Transportation :—			
Boston & Maine R. R.		22 80	
Transfers :—			
Fees for sealing :—			
Sealer of Weights and Measures	2 20		
Horse, Inspector of Animals Dept.	86 42		
Horseshoeing, Street Dept.	53 57		
Pipe, Sewer Dept.	1 52		
Repairing trench, Street Dept.	33 57		
Supplies :—			
Postage and stationery account	44 51		
		221 79	
Total			24,999 47
Surplus of appropriation relinquished to General Treasury			$ 53

Municipal Enterprises—Continued.

WATER DEPARTMENT—Continued.

MAINTENANCE, PUMPING, SALARIES AND LABOR.

Appropriation			$7,500 00

EXPENDED.

For salaries of :—			
Engineer, Wm. H. Blaisdell		$1,800 00	
Assistant Engineer, Geo. F. Haven		1,045 70	
Labor, as per pay-rolls		4,650 94	
Total			7,496 64
Surplus of appropriation relinquished to General Treasury			$3 36

GENERAL EXPENSES.

Appropriation			$7,600 00

EXPENDED.

For advertising, Cambridge Chronicle		$8 25	
Clock repairs, Geo. E. Winslow		4 75	
Diary, Wm M. L. McAdams		2 00	
Disinfectant :—			
Glaister Manufacturing Co.		4 40	
Electrical supplies :—			
Pettingell-Andrews Co.		22 92	
Engine and boiler supplies and repairs :—			
Barbour-Stockwell Co.	$15 92		
Geo. F. Blake Manufacturing Co.	45 51		
Boston Bolt Co.	1 62		
Boston Steam Specialty Co.	2 16		
Chandler & Farquhar Co.	7 41		
A. W. Chesterton & Co.	83 09		
The Fairbanks Co.	38 80		
Richard J Flinn	22 80		
Garlock Packing Co.	44 12		
Hart Packing Co.	25 68		
Lubron Manufacturing Co.	27 20		
Philadelphia Grease Mfg Co.	239 40		
Star Brass Manufacturing Co.	37 27		
Walworth Manufacturing Co.	24 19		
Watts Regulator Co.	10 50		
W. A. Wood Co.	264 19		
Sundry persons	82		
		890 68	
Inspection of boilers, S. C. Baxter		5 00	
Expressage :—			
Dodge Express Co.	$2 50		
Sawin's Express	2 95		
Sundry persons	1 70		
		7 15	
Amounts carried forward		$945 15	$7,600 00

Municipal Enterprises—Continued.

WATER DEPARTMENT—Continued.

MAINTENANCE, PUMPING, GENERAL EXPENSES—Concluded.

Amounts brought forward		$945 15	$7,600 00
For fuel and freight:—			
Boston & Maine R. R.	$1.224 48		
Coleman Bros.	1,055 30		
Merchants Coal Co.	7,593 61		
Wellington-Wild Coal Co.	1,136 48		
		11,009 87	
Hardware, tools and repairs and supplies:—			
Brock Bros.	$7 95		
E. T. Bynner	24 66		
Columbia Refining Co.	5 20		
Higgins & Co.	1 34		
James Maitland	1 96		
New England Lubricant Co.	5 00		
Jas. H. Wyeth & Co.	4 40		
		50 51	
House repairs:—			
W. J. Edwards	$35 20		
Henry Haley	25 78		
		60 98	
Ice, Fresh Pond Ice Co.		26 00	
Labor and materials repairing side track at Fresh Pond:—			
Boston & Maine R. R.		103 47	
Oil, Standard Oil Co.		30 30	
Masonry, Owen Cunningham		22 20	
Making wagon body, etc.:—			
Roberts Iron Works Co.		68 36	
Setting glass, Henry Haley		2 50	
Telephone service		49 50	
Transfer:—			
Sealing, Sealer of Weights and Measures		1 89	
Total			12,370 73
Excess of expenditure over appropriation			$4,770 73
Additional appropriation			5,000 00
Balance relinquished to General Treasury			$229 27

MAINTENANCE, FRESH POND RESERVOIR.

Appropriation		$6,850 00

EXPENDED.

For labor as per pay roll	$7,809 13	
Salary of landscape gardener:—		
Malcolm A. Carpenter	400 00	
Amounts carried forward	$8,209 13	$6,850 00

Municipal Enterprises—Continued.

WATER DEPARTMENT—Continued.

MAINTENANCE, FRESH POND RESERVOIR—Continued.

Amounts brought forward . .		$8,209 13	$6,850 00
For advertising :—			
Cambridge Chronicle . . .	$9 25		
Cambridge Tribune . . .	6 00		
		15 25	
Bicycle repairs :—			
Geo. F. Schwartz Co. . . .		21 10	
Creosote oil :—			
Winchester Tar Disinfectant Co. .		59 10	
Expressage, sundry persons . .		3 95	
Hardware, tools and repairs and supplies :—			
Brock Bros.	$24 50		
Jos. Breck & Sons Corp. . .	30 96		
E. T. Bynner	32 74		
Herbert L Rose	2 55		
A. M. Robbins	45		
		91 20	
Harness repairs, Wm. H. Roberts .		40	
Hay, grain and straw :—			
J. Cushing & Co.		39 90	
Ladder, C. W. H. Moulton & Co. .		11 90	
Lumber, Geo. W. Gale Lumber Co. .		133 98	
Painting :—			
Henry Haley	$24 49		
J. H. & J. P. Thayer & Co. . .	90 00		
		114 49	
Plans and services :—			
French & Bryant	$89 28		
Olmsted Bros.	99 88		
		189 16	
Plants, shrubs, etc. :—			
Eastern Nurseries		31 50	
Services of auctioneer :—			
John J. Ahern		10 00	
Signs, Cambridge Sign Co. . .		25 24	
Teaming :—			
Sundry persons as per pay roll .		112 50	
Wagon repairs :—			
Joseph E. Bonin	$12 70		
Arthur La Roche	7 25		
		19 95	
Windows, A. W. Hastings & Co. .		11 00	
Amounts carried forward . . .		$9,099 75	$6,850 00

Municipal Enterprises—Continued.

WATER DEPARTMENT—Continued.

MAINTENANCE, FRESH POND RESERVOIR—Concluded.

Amounts brought forward . .	$9,099 75	$6,850 00
For transfer: —		
Horseshoeing, Street Dept. . .	$11 17	
Total		9,110 92
Excess of expenditure over appropriation . . .		$2.260 92
Additional appropriation		2,500 00
Balance relinquished to General Treasury . . .		$239 08

FRESH POND RESERVOIR, GRADING.

Appropriation		$2,000 00

EXPENDED.

For general supervision of maintenance of Fresh Pond Park, draughting, etc.:—		
Olmsted Bros.	$1,928 02	
Total		1,928 02
Surplus of appropriation relinquished to General Treasury		$71 98

MAINTENANCE, HOBBS' BROOK RESERVOIR.

Appropriation			$1,485 00

EXPENDED.

For keeper, J. E. Bryant . . .		$784 28	
Labor: —			
Robert Dumont	$49 00		
Martin Sherman	30 00		
		79 00	
Awning for house, Brock Bros. .		28 50	
Destroying nests of brown tail and gypsy moths:—			
Town of Weston		35 00	
Fuel, G. F. Frost Coal Co. . .		8 50	
Hardware and supplies:—			
J. A. Higgins	$21 91		
Fred H. Kirwin	3 85		
		25 76	
Harness repairs and horse clothing:—			
Peter Perry	$11 05		
Sartwell, Heinold & Humphrey .	7 92		
		18 97	
Amounts carried forward . . .		$980 01	$1,485 00

Municipal Enterprises—Continued.

WATER DEPARTMENT—Continued.

MAINTENANCE, HOBBS' BROOK RESERVOIR—Concluded.

Amounts brought forward		$980 01	$1,485 00
For horseshoeing, F. G. Helm		45 50	
Oats, J. Cushing & Co.		62 40	
Lumber:—			
Geo. J. Barker Lumber Co.	$26 00		
Lexington Lumber Co.	10 85		
		36 85	
Painting wheels, Thomas Evans		4 00	
Professional services:—			
Allen Greenwood, M D.		280 00	
Repairing chimney, P. J Whelan		18 00	
Repairing pump, Fred H. Kirwin		6 38	
Signs, Cambridge Sign Co.		23 88	
Telephone service		22 11	
Use of horses, I. J. Goodhue		5 00	
Total			1,484 13
Surplus of appropriation relinquished to General Treasury			87

MAINTENANCE, PAYSON PARK RESERVOIR.

Appropriation			$1,065 00
EXPENDED.			
For salary of keeper, Thos. F. Reagan		$732 00	
Labor, as per pay-roll		74 00	
Fuel, Osgood & Wendell		14 25	
Hardware, tools and repairs and supplies:—			
E. T. Bynner	$11 45		
Brock Bros.	1 50		
		12 95	
Plumbing, Arthur W. Balcom		16 10	
Total			849 30
Surplus of appropriation			$215 70
Transfer from this account to Stony Brook Reservoir			100 00
Balance relinquished to General Treasury			$115 70

Municipal Enterprises—Continued.

WATER DEPARTMENT—Continued.

MAINTENANCE, STONY BROOK RESERVOIR.

Appropriation			$2,300 00
EXPENDED.			
For gateman, Silas Baxter		$915 00	
Labor:—			
Herbert Baxter	$4 50		
W. E. Kingsbury	152 00	156 50	
Blanket, robe, etc.:—			
Sartwell, Heinold & Humphrey		7 92	
Cesspool frames and covers:—			
Waltham Foundry Co.		15 00	
Cleaning cesspools, T. E. Coburn		367 43	
Cash expended removing brown tail moths:—			
Silas Baxter		28 65	
Drain repairs, Arthur L. Hersum		22 89	
Drain pipe, cement, etc:—			
J. Cushing & Co.		31 73	
Fuel, G. F. Frost Coal Co.		14 25	
Hardware, tools and supplies:—			
J. Cushing & Co.	$1 82		
Edson Manufacturing Co.	14 05		
J. A. Higgins	18 28		
Benj. R. Parker	9 88		
C. K. Williams & Co.	2 92	46 95	
Hay, grain and straw, J. Cushing & Co.		71 82	
Horseshoeing, etc.:—			
M. E. Crouse	$30 30		
F. G. Helm	11 00	41 30	
Labor, plowing, hauling stone, etc.:—			
Geo. H. D. Lamson		11 50	
Lumber, Buttrick Lumber Co.		24 18	
Mason work, James E. Burke		40 00	
Painting:—			
J. B. Corrigan	$22 00		
May & Freeman	1 50	23 50	
Professional services:—			
Allen Greenwood, M. D.		160 00	
Amounts carried forward		$1,978 62	$2,300 00

Municipal Enterprises—Continued.

WATER DEPARTMENT—Continued.

MAINTENANCE, STONY BROOK RESERVOIR—Concluded.

Amounts brought forward . .	$1,978 62	$2,300 00
For relaying granolithic pavement:—		
Simpson Bros. Corporation . .	256 00	
Rubber boots, American Rubber Co.	6 36	
Services as constable:—		
Chas. A. Freeman	3 00	
Storage of wagon, J. Cushing & Co.	15 00	
Telephone service	53 10	
Transportation, Boston & Maine R. R.	2 90	
Teaming, P. J. McAuliffe . . .	5 00	
Use of horses, P. J McAuliffe . .	7 50	
Wagon repairs, Wm. Elliott & Co. .	51 40	
Water rates, City of Waltham . .	14 00	
Total		2,392 88
Excess of expenditure over appropriation . . .		$92 88
Transfer to this account from Payson Park Reservoir		100 00
Balance relinquished to General Treasury . . .		$7 12

ICE FOR FOUNTAINS.

Appropriation		$500 00

EXPENDED.

For Ice:—		
Cambridge Ice Co.	$252 25	
Fresh Pond Ice Co. . . .	216 35	
Independent Ice Co. . . .	180 95	
Total		649 55
Excess of expenditure over appropriation . . .		$149 55
Additional appropriation		150 00
Balance relinquished to General Treasury . . .		45

SERVICES OF CITY TREASURER.

Appropriation		$1,500 00

EXPENDED.

For services of City Treasurer:—		
Treasury Department . . .	$1,500 00	
Total.		$1,500 00

Municipal Enterprises—Continued.

WATER DEPARTMENT—Concluded.

ABATEMENTS.

Appropriation		$3,200 00
EXPENDED.		
For abatements, per registrar's certificates	$3,198 65	
Total		3,198 65
Surplus of appropriation relinquished to General Treasury		$1 35

REFUNDS.

Appropriation		$2,500 00
EXPENDED.		
For refunds, as per registrar's certificates	$1,511 72	
Total		1,511 72
Surplus of appropriation relinquished to General Treasury		$988 28

CAMBRIDGE WATER WORKS.

In account with the City of Cambridge for the year ending November 30, 1906.

RECEIPTS AND EXPENDITURES.

Receipts for the year, Construction:—		Expended for:—	
Sale of Bonds	$280,000 00	Construction, General	$19,599 81
Premium on Bonds	18,927 70	Construction, Meters	394 77
Miscellaneous	3,627 24	Broad Canal Conduits	190 46
Balance brought from 1905	41,559 89	Hobbs Brook:—	
		Conduits	297,275 72
		Services of City Solicitor	1,000 00
		Balance to credit of 1906	25,654 07
	$344,114 83		$344,114 83
Receipts from Maintenance:—		Expended for Maintenance, etc.:—	
Rates	$359,864 24	Abatements and Refunds	$4,710 37
Miscellaneous	6,576 37	Interest on Water Loan	143,827 75
Accrued Interest	1,529 24	Maintenance	73,583 31
		Serial Water Bond	12,500 00
		Sinking Fund	123,247 50
		Surplus Receipts	3,623 99
		Deficit in 1905	6,476 93
	$367,969 85		$367,969 85

Municipal Enterprises—Continued.

CEMETERY DEPARTMENT. (5.2)

SALARIES.

Appropriation			$15,700 00

EXPENDED.

For salary of superintendent:— Geo. D. Ford		$1,966 67	
Clerk, John J. McKenzie		1,070 21	
Foreman, Henry C. Hobbs	$596 75		
Temporary foreman, James Carter	365 75		
		962 50	
Laborers, as per pay-roll		11,248 29	
Clerk of Cemetery Commissioners:— Edward J. Brandon		150 00	
Total			15,397 67
Surplus of appropriation relinquished to General Treasury			$302 33
Transfer from this account to General Expenses			300 00
Balance relinquished to General Treasury			$2 33

GENERAL EXPENSES.

Appropriation			$2,300 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For brick and slate graves	$534 00	
Burials	2,873 00	
Care	2,158 10	
Chapel	18 00	
Foundations	1,175 31	
Myrtle graves	5 00	
Interest on Cemetery Fund	2,488 19	
Repairs	10 00	
Rent	42 00	
Sundries	551 82	
		$9,855 42
Sale of lands and lots		9,709 00
		$19 564 42

EXPENDED.

For bricks, New England Brick Co.	$40 50	
Brooms, Stephen Adams	5 00	
Canvas covers:— Henry A. Wheeler & Co.	28 50	
Car tickets:— Boston Elevated Railway Co.	20 00	
Amounts carried forward	$94 00	$2,300 00

Municipal Enterprises — Continued.

CEMETERY DEPARTMENT, GENERAL EXPENSES—Continued.

Amounts brought forward		$94 00	$2,300 00
For carpentry, John Nesbitt		36 87	
Carriage hire :—			
John J. Donahue	$12 00		
Frank P. Merrill	5 00		
Soden Street Stable	5 00		
		22 00	
Cash expended for sundries :—			
Geo. D. Ford		37	
Casket boxes, Wm. L. Lockhart & Co.		24 00	
Cement, Wm. H. Wood & Co.		39 50	
Decorating monument :—			
N. E. Decorating Co.		24 00	
Directory, W. A. Greenough & Co.		4 00	
Expressage :—			
C. P. Callahan	$6 90		
Danehy's No. & Old Camb. Express	25		
		7 15	
Fuel, Consumers' Coal Co.		80 93	
Granite markers :—			
Alex. McDonald & Son		37 95	
Gas piping and fixtures, Greene & Co.		60 50	
Hardware, tools and repairs, and supplies :—			
Brock Bros	$2 00		
Jos. Breck & Sons	95 95		
E. T. Bynner	85 15		
Dodge-Haley Co.	47 54		
T. H. Kneeland	8 21		
Moore & Hadley	19 48		
Sundry persons	1 50		
		259 83	
Harness and repairs, and horse clothing :—			
Thomas McMahon	$7 75		
Ordway, Loring & Ricker	30 50		
		38 25	
Hay, grain, etc., E. R Luke & Co.		59 20	
Horseshoeing, Wm. Balmer		23 50	
Hose, Stoughton Rubber Co.		44 00	
Lighting, Cambridge Gas Light Co.		3 90	
Lumber and cement :—			
Wm. H. Wood & Co.		51 28	
Mason work, J. G. Mill		18 60	
Manure, P. J. Curley		205 23	
Numbering lots, Paul Panchenco		54 00	
Overalls, J. H. Corcoran & Co.		6 75	
Amounts carried forward		$1,195 81	$2,300 00

Municipal Enterprises—Continued.

CEMETERY DEPARTMENT, GENERAL EXPENSES—Concluded.

Amounts brought forward . .		$1,195 81	$2,300 00
For pipe and connections:—			
Cambridge Gas Light Co. . .		18 25	
Plants, seeds, etc:—			
Moore & Hadley	$11 30		
P. O'Brien & Son . . .	90 00		
W. W. Rawson & Co. . . .	20 00		
		121 30	
Plumbing, E. W. Clark . . .		7 66	
Posts, Broadway Iron Foundry Co. .		52 50	
Removing brown tail and gypsy moths:—			
John Cotter		240 00	
Repairing roof, Howard F. Peak .		4 25	
Slate vaults, cremation boxes, etc.:—			
Thomas F. Royle		376 26	
Refund of difference in exchange of lots:—			
Samuel Hertach		10 00	
Sods, P. J. Curley		82 74	
Stationery, printing and office suppplies:—			
Amee Bros.	$4 30		
Cotton & Gould	13 50		
J. A. Cummings Printing Co. .	11 97		
J. Frank Facey	3 00		
Globe-Wernicke Co. . . .	5 00		
Smith Premier Typewriter Co. .	5 50		
Samuel Ward Co	20 25		
Edw. W. Wheeler	25 00		
		88 52	
Stone and stone dust:—			
W. F. Cunningham . . .		270 00	
Tanglefoot:—			
O. & W. Thum Co.		15 75	
Teaming, Jeremiah Sullivan . .		10 00	
Telephone service		61 45	
Transfers:—			
Supplies, Postage and Stationery Account	$38 42		
Street watering assessment . .	6 46		
		44 88	
Total			2,599 37
Excess of expenditure over appropriation . . .			$299 37
Transfer to this account from Salaries . . .			300 00
Balance relinquished to General Treasury . . .			63

Municipal Enterprises—Concluded.

CEMETERY DEPARTMENT, SURFACE DRAINAGE.

Appropriation			$2,000 00
EXPENDED.			
For labor, as per pay roll		$1,156 93	
Bricks, Curtis & Pope Lumber Co.		115 84	
Cement, Curtis & Pope Lumber Co.		36 58	
Frames and grates:—			
Barbour-Stockwell Co.	$32 50		
Sessions Foundry Co.	61 26		
		93 76	
Pipe and fittings:—			
Curtis & Pope Lumber Co.	$140 76		
David W. Lewis Co.	97 01		
Portland Stone Ware Co.	115 03		
		352 80	
Teaming:—			
P. Biggin	$9 00		
Thomas O'Hara	2 50		
		11 50	
Total			1,767 41
Surplus of appropriation relinquished to General Treasury			$232 59

SCHEDULE A-VIII

APPROPRIATIONS AND EXPENDITURES

NO. 6

PUBLIC EDUCATION, LIBRARIES, ETC.

6. PUBLIC EDUCATION, LIBRARIES, ETC.

SCHOOLS. (6.1)

SALARIES OF JANITORS AND OTHERS.

Appropriation		$38,500 00

EXPENDED.

For salaries of janitors and other employees:—		
Day schools	$39,191 75	
Evening schools	954 00	
Services as watchman:—		
Artemas White	294 00	
Care of gymnasium at Latin School:—		
Thos. F. Cahir	58 00	
		40,497 75
Excess of expenditures over appropriation		$1.997 75
Additional appropriation		2,100 00
Balance relinquished to General Treasury		$102 25

GENERAL EXPENSES.

Appropriation			$50,000 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For sale of old material	$25 00

EXPENDED.

For auction sale of Sargent and Stearns Schoolhouses:—			
Advertising, Cambridge Chronicle	$5 00		
Commission, Cunningham Bros.	28 50		
Posting, John Donnelly & Sons	2 50		
Printing, J. Frank Facey	2 50		
		$38 50	
Fuel:—			
Consumers' Coal Co.	$1,631 42		
P. F. Gayton & Co.	248 30		
Mass. Wharf Coal Co.	13,364 95		
Frank A. Teele	104 31		
Weighing coal:—			
Geo. F. Carney	4 50		
Chas. F. Long	108 00		
P. J. White	47 26		
		15,508 74	
Insurance, Brooks & Conley		210 00	
Amounts carried forward		$15,757 24	$50,000 00

Public Education, Libraries, Etc.—Continued.

SCHOOLS, GENERAL EXPENSES—Continued.

Amounts brought forward		$15,757 24	$50,000 00
For lighting and motor service:—			
Cambridge Electric Light Co.	$1,854 98		
Cambridge Gas Light Co.	707 34		
		2,562 32	
Maintaining superintendent's horse and carriage:—			
Carriage repairs, T. H. Kneeland	$55 65		
Harness repairs:—			
Harvard Harness Store	22 95		
Horse board, T. W. Hillier	175 00		
Horseshoeing, Wm. Roach	7 50		
		261 10	
Repairs and alterations:—			
Carpentry:—			
C. H. Callahan & Son	$577 94		
D. K. Dinsmore	496 83		
W. Fillmore Co.	523 92		
F. B. Furbish	355 72		
C. T. Grames	12 65		
Frank L. Leydon	833 44		
C. Mahoney	235 98		
Thomas Powers	652 68		
John Quin & Son	235 83		
Gus Wilson	88 71		
Wm. H. Zirkel	66 20		
		4,079 90	
Cutting grass, grading and filling in school yards:—			
Sundry persons, as per pay-roll	$84 00		
John Cotter	321 56		
James Culhane	34 50		
Jeremiah Sullivan	775 63		
		1,215 69	
Expressage and moving furniture:—			
P. Biggin	$120 25		
Frank D. Kenney	30 50		
		150 75	
Fences and repairs:—			
James Flynn Architectural Iron Works Co.	$225 96		
Greene & Co.	112 00		
Thos. O'Neil	75 00		
		412 96	
Heating and ventilating repairs:—			
Asbestos & Magnesia Mfg. Co.	$62 45		
Brock Bros.	263 91		
Brock & Eaton	64 98		
Continental Grate Co.	100 00		
Wm. Fitzgerald & Co.	104 00		
Greene & Co.	86 95		
Huey Bros.	449 57		
Ingalls & Kendricken	22 55		
Chas. H. Millner	407 50		
Moynahan & Co.	735 61		
Wm. H. O'Leary	104 05		
Amounts carried forward	$2,401 57	$24,439 96	$50,000 00

Public Education, Libraries, Etc.—Continued.

SCHOOLS, GENERAL EXPENSES—Continued.

Amounts brought forward	$2,401 57	$24,439 96	$50,000 00
For heating and ventilating repairs—concluded—			
Roberts Iron Works Co.	256 46		
E. J. Sullivan Co.	18 50		
W. H. Sweeney	12 30		
Walworth Manufacturing Co.	30 51		
Westinghouse Machine Co.	36 03		
D. J. Wild & Co.	18 80		
J. A. Wood & Co.	10 08		
		2,784 25	
Iron gates, partitions and repairing lockers:—			
Morss & Whyte Co.	$148 75		
G. W. & F. Smith Iron Co.	137 50		
		286 25	
Lighting apparatus repairs, and electrical work:—			
Brock Bros	$75 46		
F. Bryant & Co.	81 03		
Cambridge Brass Co.	67 30		
Clark & Mills Electric Co.	603 67		
Ernest W. Clark	8 64		
Thos. J. Daly	213 15		
Geo. F. Dickson	224 83		
Lehan Electric & Gas Equipment Co.	53 74		
Rufus E. Lord	20 00		
W. P. Minor	8 15		
Warren W. Scott	37 55		
		1,393 52	
Marble vestibule and steps repaired:—			
Stearns & Waterman		25 00	
Mason work:—			
J. F. Brosnahan	$73 80		
John B. Byrne	1,500 65		
John P. Delaney	1,167 66		
Thos. Leahy & Son	247 37		
Henry McGahey	247 05		
McGahey & O'Connor	141 90		
Wm. J. Rounds	100 45		
Jeremiah Sullivan	60 47		
Walsh Bros.	537 48		
		4,076 83	
Painting, whitening, glazing, etc.:—			
J. L. P. Ackers	$72 46		
C. P. Alberts	295 90		
Cambridge Sign Co.	17 00		
Duffy Bros.	363 13		
W. J. Edwards	568 26		
M. A. Feeley	535 65		
Follansbee & Story	350 00		
F. A. Follansbee	4 75		
John M. Forrest	470 45		
William Foy	100 45		
Amounts carried forward	$2,778 05	$33,005 81	$50,000 00

Public Education, Libraries, Etc.—Continued.

SCHOOLS, GENERAL EXPENSES—Continued.

Amounts brought forward	$2,778 05	$33,005 81	$50,000 00
For painting, whitening, glazing, etc., concluded—			
Harrington & Howell	579 55		
Wm. J. Heron	584 95		
Patrick J. Kelley	7 70		
J. Leo McDonald	1,277 52		
Chas. E McMenimen	388 40		
T. Murphy	130 60		
D. Mountain	164 62		
Austin A. O'Toole	254 00		
		6,165 39	
Plans, illustrating, etc. :—			
Edward T. P. Graham	$14 50		
C. Herbert McClare	50 00		
		64 50	
Plumbing :—			
Arthur W. Balcom	$74 27		
Brock Bros	289 00		
E. P. Callahan	4 10		
Ernest W. Clark	275 84		
Chas. A. Fallon	355 61		
S. D. Fallon	378 30		
T. W. Good	32 55		
Levi Hawkes	559 61		
Higgins & Co.	6 10		
D. J. Keefe & Co.	451 42		
J. T. Phelan	35 30		
Herbert L. Rose	3 45		
W. H. Sweeney	54 58		
Troy Bros. & Co.	305 00		
		2,825 13	
Pumping water from coal-pit :—			
John B. Byrne		38 72	
Repairing belting, Frank H. Brown		9 85	
Roof and gutter repairs :—			
John J. Blevins	$159 43		
T. J. Flynn & Co.	82 00		
Wm. Gordon	269 27		
S. D. Hicks & Son	425 00		
John Morrissey	337 30		
Wm. H. O'Leary	45 45		
Howard F. Peak	779 67		
		2,098 12	
Supplies :—			
Blackboards and repairs :—			
H. H. Harding		31 50	
Amounts carried forward		$44,239 02	$50,000 00

Public Education, Libraries, Etc—Continued.

SCHOOLS, GENERAL EXPENSES—Continued.

Amounts brought forward		$44,239 02	$50,000 00
For clocks and repairs :—			
A. J. Applegate Co.	$22 00		
J. F. Bacon	4 50		
Edward Barrett	34 00		
F. A. Colburn	14 75		
E. J. Dunphy	22 00		
Wm. Humans	8 00		
Frank T. Kenney	13 00		
T. M. Kenney	18 00		
James A. Rice	11 75		
J. P. Shurtleff	1 00		
Standard Electric Time Co.	3 00		
		152 00	
Dusters, brooms, brushes, etc. :—			
Boston Engineers' Supply Co.	$357 48		
Brock Bros.	125 00		
Brock & Eaton	202 20		
E. T. Bynner	100 50		
Mass. Ass'n for the Blind	10 50		
G. H. Worcester & Co.	19 75		
		815 43	
Furniture, furnishings and repairs :—			
American School Furniture Co.	$161 14		
American Seating Co.	95 20		
Boston Engineers' Supply Co.	140 70		
Boston Woven Hose & Rubber Co.	58 50		
John F. Buckley	89 95		
James Campbell	440 05		
Lewis Cohen	155 75		
Empire Rubber Mfg. Co.	51 60		
Globe-Wernicke Co.	18 00		
James Grant & Co.	547 95		
S. H. Harrington	280 26		
Margaret M Hogan	105 90		
Frank L. Leydon	70 80		
W. M. MacVicar	12 00		
H. Pill & Bro.	46 00		
Wm. P. Purcell	67 50		
John Quin & Son	430 00		
Richard Smart Carpet Co.	9 08		
Smith Premier Typewriter Co.	4 75		
Worcester Bros.	444 70		
Wm. H. Zirkel	407 22		
		3,637 05	
Hardware, tools and repairs, and supplies :—			
Boston Engineers' Supply Co.	$82 61		
Brock Bros.	178 63		
Brock & Eaton	74 68		
G. W. Burditt	2 25		
E. T. Bynner	203 55		
J. H. Corcoran & Co.	24 39		
W. J. Edwards	55 68		
Electric Goods Mfg. Co.	24 36		
T. H. Kneeland	6 50		
Amounts carried forward	$652 65	$48,843 50	$50,000 00

Public Education, Libraries, Etc.—Continued.

SCHOOLS, GENERAL EXPENSES—Concluded.

Amounts brought forward	$652 65	$48,843 50	$50,000 00
For hardware, tools and repairs and supplies—concluded—			
La-Lo Manufacturing Co.	11 50		
Lubron Manufacturing Co.	4 22		
McCarthy Bros.	6 00		
E. McDermott	8 95		
Mitchell-Woodbury Co.	11 50		
Pill Bros.	55 45		
H. Pill & Bro.	3 50		
G. W. & F. Smith Iron Co.	2 25		
L. A. Stingel	2 40		
The Viscol Co.	1 50		
James H. Wyeth & Co.	9 34		
Sundry persons	4 11		
		773 37	
Ladders, C. W. H. Moulton & Co.		21 00	
Oil, Standard Oil Co.		18 62	
Safe, Mosler Safe Co		40 00	
Sand, Jeremiah Sullivan		59 25	
Sawdust, Geo. G. Page Box Co.		28 25	
Soap and powder:—			
W. H. Delany	$40 00		
James H. Wyeth & Co.	89 90		
		129 90	
Telephone service at Washington Schoolhouse		47 36	
Toilet paper, Wm. H. Claflin & Co.		31 00	
Transfers:—			
Stock and labor, water rates, etc.:—			
Water Department		7 70	
Total			49,999 95
Surplus of appropriation relinquished to General Treasury			05

SUMMARY. EXPENDED.

For fuel	$15,508 74
Lighting	2,562 32
Repairs	25,626 86
Supplies	5,784 73
Miscellaneous	517 30
	$49,999 95

Public Education, Libraries, Etc.—Continued.

SCHOOLS—Continued.

HOUGHTON SCHOOLHOUSE.

Appropriation			$3,962 99
EXPENDED.			
For electrical work :—			
F. Bryant & Co.	$142 99		
Warren W. Scott	23 38		
		$166 37	
Heating apparatus, Huey Bros.		31 13	
Total			197 50
Surplus of appropriation relinquished to General Treasury			$3,765 49

ROBERTS SCHOOLHOUSE — ADDITION.

Appropriation		$92 51
EXPENDED.		
For moulding, shelves, etc. :—		
Bigelow & Mabie	$72 38	
Total		72 38
Surplus of appropriation relinquished to General Treasury		$20 13

RINDGE MANUAL TRAINING SCHOOL — ALTERATIONS.

Appropriation		$84 30
EXPENDED.		
For hardware, Walworth Mfg. Co.	$3 27	
Shellacing and varnishing :—		
J. Leo McDonald	5 00	
Steamfitting, Huey Bros.	75 50	
Total		83 77
Surplus of appropriation relinquished to General Treasury		53

RINDGE MANUAL TRAINING SCHOOL EQUIPMENT.

Appropriation		$364 69
EXPENDED.		
For carpentry, W. Fillmore Co.	$81 11	
Labor, Francis L. Welch	23 85	
Amounts carried forward	$104 96	$364 69

Public Education, Libraries, Etc.—Continued.

SCHOOLS, RINDGE MANUAL TRAINING SCHOOL EQUIPMENT—Concluded.

Amounts brought forward	$104 96	$364 69
For shellacing, varnishing, etc. :— Lewis D. Hill	12 50	
Tools, Cutter, Wood & Stevens Co.	247 17	
Total		364 63
Surplus of appropriation relinquished to General Treasury		06

WELLINGTON SCHOOLHOUSE—ADDITION.

Appropriation		$33,600 00
EXPENDED.		
For advertising, Cambridge Chronicle	$26 38	
Contract for building :— John B. Byrne	7,320 00	
Insurance, Brooks & Conley	80 00	
Plans, Edward T. P. Graham	795 78	
Transfer :— Stock and labor, Water Dept.	7 13	
Total		8,229 29
Surplus of appropriation		$25,370 71
Additional appropriation		14,400 00
Balance relinquished to General Treasury		$39,770 71

CARE OF TRUANTS.

Appropriation		$1,900 00
EXPENDED.		
For board :— Middlesex County Truant School	$1,672 93	
Transportation, Boston & Maine R. R.	20 25	
Total		1,693 18
Surplus of appropriation		$206 82
Transfer from this account to Salaries of Teachers and Officers		206 82

Public Education, Libraries, Etc.—Continued.

SCHOOLS—Continued.

FLAGS.

Appropriation		$100 00

EXPENDED.

For halyards, repairing flags, etc. :—		
Henry A. Wheeler & Co.	$25 85	
Repairing poles, etc., J. Johansen	19 00	
Total		44 85
Surplus of appropriation		$55 15
Transfer from this account to Salaries of Teachers and Officers		55 15

INCIDENTAL EXPENSES.

Appropriation			$1,600 00

EXPENDED.

For salaries of :—			
Secretary, S. B. Hubbard		$400 00	
Messenger, Wm. E. McAnaul		25 00	
Advertising :—			
Cambridge Chronicle	$4 50		
Cambridge Tribune	3 00		
Times Publishing Co.	4 50		
Review Publishing Co.	4 00		
		16 00	
Car tickets :—			
Boston Elevated Railway Co.		200 00	
Carting piano, Chickering & Sons		9 00	
Cash expended in preparation for R. M. T. S. graduation :—			
John W. Wood, Jr.		3 85	
Cash expended for travelling expenses :—			
William C. Bates		16 94	
Copying school census :—			
Elizabeth McCrehan		15 00	
Engraving and printing portraits of Francis Cogswell :—			
M. T. Callahan		90 00	
Expenses for High School graduation at Sanders Theatre :—			
Harvard University	$23 63		
A. K. Jones	3 00		
		26 63	
Half-tone, J. F. Olsson & Co.		4 20	
Amounts carried forward		$806 62	$1,600 00

Public Education, Libraries, Etc.—Continued.

SCHOOLS, INCIDENTAL EXPENSES—Concluded.

Amounts brought forward		$806 62	$1,600 00
For making negatives and lantern slides :—			
Ralph Harris & Co.		9 50	
Obtaining statistics, L. S. Cabot		6 00	
Postage, F. M. Small, Supt.		36 00	
Printing, stationery and office supplies :—			
Cambridge Chronicle	$54 75		
Cook-Vivian Co.	9 05		
Cotton & Gould	41 75		
J. A. Cummings Printing Co.	164 83		
Globe Stamp Works	3 80		
Globe-Wernicke Co.	2 80		
G. B. Lenfest	10 00		
Monk & Bordley	7 00		
Louis F. Weston	132 75		
		426 73	
Telephone service		231 69	
Total			1,516 54
Surplus of appropriation			$83 46
Transfer from this account to Salaries of Teachers and Officers			83 46

SALARIES OF TEACHERS AND OFFICERS.

Appropriation		$381,000 00

Department Receipts Carried to General Treasury.

For tuition of non-resident pupils :—		
At Manual Training School	$2,268 00	
At Latin School	584 00	
At Latin School (Trustees of Hopkins Fund)	304 00	
At Grammar School	15 00	
Of Boston City wards, City of Boston	60 00	
Of students of Lawrence Scientific School, President and Fellows of Harvard College	1,952 00	
Of State wards, Com. of Mass.	953 00	
	$6,136 00	
Refund on pay-roll	9 50	
	$6,145 50	
Amount carried forward		$381,000 00

Public Education, Libraries, Etc.—Continued.

SCHOOLS, SALARIES OF TEACHERS AND OFFICERS—Concluded.

Amount brought forward				$381,000 00
EXPENDED.				
For salaries of :—				
Superintendent, William C. Bates			$3,500 00	
Agent, S. B. Hubbard			2,175 00	
Clerks :—				
Althea B. Frost		$780 00		
Sadie E. Kimball		615 00		
			1,395 00	
Special instructors :—				
Botany, Sarah E. Brassil		$1,000 00		
Drawing :—				
Peter Roos	$2,013 33			
Lucia N. Jennison	798 00			
		2,811 33		
Gymnastics :—				
Sarah E. Boudren	$919 25			
Bessie W. Howard	859 33			
		1,778 58		
Music :—				
Frederick E. Chapman	$1,966 67			
Georgia E. Martin	845 04			
		2,811 71		
Sewing :—				
Agnes Gordon	$698 25			
Alice H. Nay	608 00			
Nancy T. Dawe	609 00			
		1,915 25		
			10,316 87	
Primary supervisor :—				
Mary A. Lewis			1,300 00	
Teachers in day schools :—				
English High School		$27,214 24		
Latin School		25,979 34		
Rindge Manual Training School		29,705 66		
Wellington Training School		15,992 65		
Grammar Schools		138,183 83		
Primary Schools		93,403 25		
Kindergarten Schools		19,960 02		
Substitutes		1,846 50		
Teachers unassigned		1,500 00		
			353,785 49	
Teachers in evening schools :—				
Drawing, Freehand	$490 00			
Drawing, Mechanical	1,157 00			
		$1,647 00		
High School		1,830 00		
Putnam School		2,889 00		
Roberts School		2,316 50		
Shepard School		1,265 50		
Webster School		969 50		
Rindge-Mechanical		788 00		
			11,705 50	
Amounts carried forward			$384,177 86	$381,000 00

Public Education, Libraries, Etc.—Continued.

SCHOOLS, SALARIES OF TEACHERS AND OFFICERS—Concluded.

Amounts brought forward	$384,177 86	$381,000 00
For truant officers	4,014 00	
Porter, John H. Lemon	700 00	
Tuition, Town of Belmont	156 66	
Total		389,048 52
Excess of expenditure over appropriation		$8,048 52
Additional appropriation	$6,250 00	
Transfer to this account from Sundry Account	1,810 53	
		8,060 53
Balance relinquished to General Treasury		$12 01

TEXT BOOKS AND SUPPLIES.

Appropriation	$20,000 00

Department Receipts Carried to General Treasury.

For sale of and damage to books	$687 81

EXPENDED.

For apparatus and supplies:—		
Adams, Cushing & Foster	$2,035 22	
F. G. Allnutt	25 36	
Barbour-Stockwell Co.	156 49	
Bausch & Lomb Optical Co.	104 42	
Selma E. Berthold	5 95	
Billings & Stover	3 50	
Milton Bradley Co.	99 81	
Brown, Durrell Co.	63 90	
Burditt & Williams Co.	703 19	
Chandler and Barber	71 79	
Chandler & Farquhar	31 49	
Cook-Vivian Co.	3,094 91	
Dwight T. Cortis	6 75	
Frank Creighton	28 00	
Cutter, Wood & Stevens Co.	169 60	
Davidson Rubber Co.	74 70	
Dexter Bros. Co.	108 43	
Diamond Paste Co.	46 69	
Dover Stamping & Mfg. Co.	6 50	
Farley, Harvey & Co.	22 41	
Fitchburg Machine Works	8 00	
Fresh Pond Ice Co.	8 40	
Frost & Adams Co.	7 65	
Geo. W. Gale Lumber Co.	703 72	
Edgar Hall	18 70	
Arthur C. Harvey Co.	204 51	
J. A. Holmes & Co.	3 25	
Hopkinson & Holden	7 50	
Amounts carried forward	$7,820 84	$20,000 00

Public Education, Libraries, Etc —Continued.

SCHOOLS, TEXT BOOKS AND SUPPLIES—Continued.

Amounts brought forward	$7,820 84		$20,000 00
For apparatus and supplies—concluded—			
Jordan, Marsh Co.	15 80		
Kingston-Hall Co.	20 47		
L. E. Knott Apparatus Co.	26 91		
Lord & Merrow	80 10		
Bunkio Matsuki	35 00		
Alexander Millan	9 75		
Place Box Co.	42 00		
Rand, McNally & Co.	133 19		
F. E. Reed Co.	2 40		
Remington Typewriter Co.	185 00		
Chas. A. Schieren & Co.	25 32		
Singer Sewing Machine Co.	2 95		
Smith Premier Typewriter Co.	120 00		
Wadsworth, Howland & Co.	110 89		
Sundry persons	2 76		
		$8,633 38	
Books :—			
Allyn & Bacon	$388 10		
American Book Co.	2,026 87		
Atkinson, Mentzer & Grover	33 75		
Edw. E Babb & Co.	174 88		
C. C. Birchard & Co.	48 25		
Boston Music Co.	32 86		
T. H. Castor & Co.	113 23		
De Wolfe & Fiske Co.	36 93		
Oliver Ditson Co	154 06		
Ginn & Co.	3,336 66		
Herman Goldberger	21 35		
Gregg Publishing Co.	67 40		
D. C. Heath & Co.	590 52		
Houghton, Mifflin & Co.	630 56		
Mass. Bible Society	13 20		
Mass. College of Commerce	12 00		
Benjamin H. Sanborn & Co	104 00		
Chas. Scribner's Sons	45 99		
Silver, Burdett & Co.	608 64		
Thompson, Brown & Co.	993 79		
University Publishing Co.	84 64		
William Ware & Co.	108 75		
		9,626 43	
Binding, James M. Sullivan		9 00	
Cash expended for sundries :—			
S. B. Hubbard		7 94	
Cash paid life models for drawing class :—			
Peter Roos		29 75	
Diplomas and engrossing :—			
Boston Bank Note Co.		235 92	
Amounts carried forward		$18,542 42	$20,000 00

Public Education, Libraries, Etc.—Continued.

SCHOOLS, TEXT BOOKS AND SUPPLIES—Concluded.

Amounts brought forward		$18,542 42	$20,000 00
Directories:—			
Fred L. Beunke	$4 00		
W. A. Greenough & Co.	4 00		
		8 00	
Expressage and teaming:—			
H. W. Bettinson & Co.	$6 60		
P. Biggin	220 22		
Hersum & Co.	40 00		
W. A. Nichols	39 90		
Sawin's Express	38 40		
		345 12	
Fuel, Coleman Bros.		111 50	
Pianos and tuning:—			
Briggs & Briggs	$42 00		
Chickering & Sons	490 00		
		532 00	
Piano stools, E. M. Cundall & Son		6 00	
Postage, F. M. Small, Supt.		188 40	
Printing:—			
Cambridge Chronicle	$53 25		
J. Frank Facey	12 00		
G. B. Lenfest	14 50		
Monk & Bordley	32 00		
Louis F. Weston	22 75		
		134 50	
Washing, Katherine Flynn		17 69	
Total			19,885 63
Surplus of appropriation			$114 37
Transfer from this account to Schools, Salaries of Teachers and Officers			114 37

TRANSPORTATION OF PUPILS.

Appropriation		$400 00
EXPENDED.		
For conveying pupils, Timothy J. Shine	$348 00	
Total		348 00
Surplus of appropriation		$52 00
Transfer from this account to Salaries of Teachers and Officers		52 00

Public Education Libraries, Etc.—Continued.

SCHOOLS—Concluded.

VACATION SCHOOLS.

Appropriation			$2,000 00

EXPENDED.

For salaries of janitors		$165 00	
Salaries of teachers: —			
English High School	$640 00		
Putnam School	300 00		
Roberts School	306 80		
Shepard School	133 60		
Webster School	100 00		
		1,480 40	
Apparatus and supplies :—			
Adams, Cushing & Foster	$38 19		
Milton Bradley Co.	50 89		
Brown, Durrell & Co.	9 06		
Burditt & Williams Co.	8 68		
Geo. W. Gale Lumber Co.	19 59		
Lord & Merrow	16 58		
Sundry persons	2 88		
		145 87	
Printing, Louis F. Weston		10 00	
Total			1,801 27
Surplus of appropriation			$198 73
Transfer from this account to Schools, Salaries of Teachers and Officers			198 73

LIBRARIES. (6.2)

MAIN LIBRARY, SALARIES.

Appropriation			$11,000 00

EXPENDED.

For salaries of :—			
Librarian, Clarence W. Ayer		$2,145 83	
Assistant librarians :—			
Etta L. Russell	$1,000 00		
Winifred B Mather	670 70		
Hariet D. Lochman	635 77		
Charlotte E. Stewart	618 62		
L. Edna Brooks	560 00		
Alice O'Brien	569 45		
Katherine A O'Donnell	467 40		
Ellen M. Hayes	195 62		
Florence C. Hicks	179 01		
Louise Brennan	142 71		
Edith E. Sherman	397 79		
Roy R. Perkins	342 80		
		5,779 87	
Amounts carried forward		$7,925 70	$11,000 00

Public Education, Libraries, Etc.—Continued.

MAIN LIBRARY, SALARIES—Concluded.

Amounts brought forward		$7,925 70	$11,000 00
For assistant cataloguer :—			
Eva Ferris Magee		214 98	
Other assistants :—			
Theresa L. Burke	9 00		
James S. Crawford	97 75		
Michael Corcoran	144 98		
Harold Cutting	13 42		
James A. Eccles	150 05		
W. Harold Eckert	128 01		
Hamilton Harlow	100 57		
Warren S. Henderson	86 36		
Stuart N. Hotaling	32 48		
Daniel J. McGrath	38 75		
Edith C. Norton	36 85		
Henry O'Brien	5 12		
Edward P. O'Brien	179 32		
Florence Sewell	5 00		
Edward Gilmore Shepherd	51 18		
Robert L. Smith	55 30		
		1,134 14	
Janitor, T. M. Thomas		1,061 36	
Assistant, Michael Lowry		248 57	
Total			10,584 75
Surplus of appropriation			$415 25
Transfer from this account			
To North Cambridge Branch		$285 00	
To General Expenses		130 00	
			415 00
Balance relinquished to General Treasury			25

GENERAL EXPENSES.

Appropriation	$11,000 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For fines, sale of catalogs, etc. $694 04

EXPENDED.

For baskets, Hopkinson & Holden		$15 00	
Binding and binders :—			
Boston Bookbinding Co.	$44 25		
J. H. H. McNamee Co.	1,102 45		
		1,146 70	
Amounts carried forward		$1,161 70	$11,000 00

Public Education, Libraries, Etc.—Continued.

MAIN LIBRARY, GENERAL EXPENSES—Continued.

Amounts brought forward . .		$1,161 70	$11,000 00
For books, periodicals, etc. :—			
William Abbatt	$5 00		
Amee Bros.	113 22		
American Book Co. . . .	70 86		
Edw. E. Babb & Co. . . .	93 59		
Balch Bros. Co.	4 00		
T. H. Castor & Co. . . .	8 00		
W. B. Clarke Co.	15 75		
Oliver Ditson	4 20		
Funk & Wagnalls Co. . . .	6 00		
Ginn & Co.	71 71		
Herman Goldberger . . .	604 13		
D. C. Heath & Co.	44 88		
Houghton, Mifflin & Co. . .	100 77		
International Textbook Co. . .	120 00		
C. A. Koehler	10 80		
Little, Brown & Co. . . .	2,323 45		
National First Aid Ass'n of America	2 50		
Old Corner Book Store . . .	1,477 92		
Eben Putnam	5 00		
Schoenhof Book Co. . . .	115 22		
Silver, Burdett & Co. . . .	55 93		
James T. White & Co. . . .	16 00		
H. W. Wilson Co.	17 50		
Sundry persons	5 50		
		5,291 93	
Book rental :—			
The Booklovers' Library . .	$70 00		
The Tabard Inn Library . .	90 00		
		160 00	
Charge for loan of binding exhibit :—			
Newark Public Library . . .		2 50	
Delivery of books, Gilbert Davoren .		422 00	
Directories :—			
W. A. Greenough & Co. . . .	$15 00		
Edward A. Jones	1 50		
Sampson & Murdock Co. . .	12 00		
		28 50	
Electric fan, Clark & Mills Elec. Co.		9 80	
Expressage, Sawin's Express . .		32 47	
Expenses attending conference :—			
Clarence W. Ayer . . .		18 85	
Fuel, Mass. Wharf Coal Co. . .		511 05	
Furniture, furnishings and repairs :—			
Globe-Wernicke Co. . . .	$4 28		
S. H. Harrington	27 00		
John H. Kelsey	15 30		
Library Bureau	258 83		
John T. Morris	6 50		
John Quin & Son	43 69		
Amounts carried forward . . .	$355 60	$7,638 80	$11,000 00

Public Education, Libraries, Etc.—Continued.

MAIN LIBRARY, GENERAL EXPENSES—Continued.

Amounts brought forward	$355 60	$7,638 80	$11,000 00
For furniture, furnishings and repairs, concluded—			
Parke Snow	10 60		
Worcester Bros.	43 75		
Sundry persons	3 60		
		413 55	
Hardware, tools and supplies :—			
Brock & Eaton	$64 24		
Brock Bros.	1 00		
G. W. Burditt	7 50		
F. H. Griffin & Co.	8 00		
Hydro-Carbon Chemical Co.	7 50		
Lord & Merrow	3 71		
		91 95	
Ice, Fresh Pond Ice Co.		8 50	
Laundry work, Thomas M. Thomas		16 98	
Lighting :—			
Cambridge Electric Light Co.	$411 96		
Cambridge Gas Light Co.	410 30		
		822 26	
Local stations :—			
Conley Drug Co.	$36 00		
Marcellus J. Dow	48 00		
E. C. Gove	48 00		
Jas. W. Hunnewell	60 00		
Albert W. Kidder	36 00		
F. P. Lombard	36 00		
M. F. McGrath	27 00		
Thomas K. Martin	48 00		
Wm. H. Murphy	36 00		
Chas. L. Nelson	36 00		
Carrie Ellsworth Phillips	36 00		
P. A. Yerxa	9 00		
		456 00	
Membership fees, assessments, etc. :—			
American Library Association	$5 00		
Library Art Club	6 00		
New England Education League	1 00		
		12 00	
Premium for insurance, R. B. Walker		198 00	
Repairs to building :—			
Electrical work, Henry F. Farrow & Co.	$9 98		
Inspection of boilers, S. C. Baxter	10 00		
Plastering, Albert P. Greenleaf	6 26		
Plumbing, Brock & Eaton	15 26		
Refinishing doorway, J. L. P. Ackers	30 00		
Roof repairs, John J. Blevins	50 21		
Storm windows, Frank H. Leach	70 00		
		191 71	
Amounts carried forward		$9,849 75	$11,000 00

Public Education, Libraries, Etc.—Continued.

MAIN LIBRARY, GENERAL EXPENSES—Concluded.

Amounts brought forward		$9,849 75	$11,000 00
For stationery, printing and office supplies:—			
Amee Bros.	$49 35		
Cambridge Co-operative Press	98 50		
Caustic-Claflin Co.	23 00		
Cook-Vivian Co.	59 50		
J. A. Cummings Printing Co.	22 82		
Felix F. Daus Duplicator Co.	6 00		
H. C. Dimond & Co.	10 47		
J. Frank Facey	146 75		
Hammond Typewriter Co.	7 50		
Hooper, Lewis & Co.	45 90		
Library Bureau	48 75		
Librarian of Congress	60 00		
Monk & Bordley	206 48		
Thomas D. Poole	8 25		
Edw. W. Wheeler	314 47		
Yawman & Erbe Mfg. Co.	51 50		
Sundry persons	3 50		
		1,162 74	
Telephones, Thomas W. Gleeson		23 80	
Telephone service, N.E.Tel. & Tel.Co.		66 31	
Typewriter repairs:—			
Hammond Typewriter Co.	$6 85		
Model Typewriter-Inspection Co.	5 00		
		11 85	
Sundries		4 70	
Transfer:—			
Supplies, Postage and Stationery Account		10 00	
Total			11,129 15
Excess of expenditures over appropriation			$129 15
Transfer to this account from Salaries			130 00
Balance relinquished to General Treasury			85

EAST CAMBRIDGE BRANCH LIBRARY.

SALARIES.

Appropriation		$892 00
EXPENDED.		
For salaries of:—		
Librarian, Mary Curtis	$600 00	
Assistant, Daniel F. Burke	101 80	
Janitor, J. J. McCarthy	182 50	
Substitute janitor, John J. Sullivan	7 00	
Total		891 30
Surplus of appropriation relinquished to General Treasury		70

Public Education, Libraries Etc.—Continued.

LIBRARIES, EAST CAMBRIDGE BRANCH—Concluded.

GENERAL EXPENSES.

Appropriation			$1,000 00
EXPENDED.			
For assessment, Library Art Club		$6 00	
Binding and binderies :—			
Boston Bookbinding Co.	$9 40		
J. H. H. McNamee Co.	107 87		
		117 27	
Books, periodicals, etc. :—			
Amee Bros.	$25 40		
Balch Bros. Co.	2 00		
Herman Goldberger	93 75		
Little, Brown & Co.	130 67		
Old Corner Book Store	400 79		
		652 61	
Directories :—			
W. A. Greenough & Co.	$4 00		
Sampson & Murdock Co.	6 00		
		10 00	
Furniture, furnishings and repairs :—			
James Grant & Co.	$11 50		
S. H. Harrington	11 50		
Library Bureau	9 50		
L. A. Stingel	14 80		
W. H. Sweeney	1 55		
		48 85	
Lettering door, C. V. Hadley		1 75	
Lighting, Cambridge Gas Light Co.		83 94	
Map, The Scarborough Co.		1 95	
Stationery, printing and office supplies :—			
Amee Bros.	$1 80		
Cook-Vivian Co.	17 25		
H. C. Dimond & Co.	1 66		
Hooper, Lewis & Co.	1 60		
Library Bureau	5 00		
Edw. W. Wheeler	47 22		
Yawman & Erbe Mfg Co.	2 25		
		76 78	
Total			999 15
Surplus of appropriation relinquished to General Treasury			85

NORTH CAMBRIDGE BRANCH LIBRARY.

ALTERATION OF BUILDING.

Appropriation		$1,500 00
EXPENDED.		
For advertising, Cambridge Chronicle	$8 00	
Contract for alterations :—		
John B. Byrne	833 50	
Amounts carried forward	$841 50	$1,500 00

Public Education, Libraries, Etc.—Continued.

LIBRARIES, NORTH CAMBRIDGE BRANCH—Continued.

Amounts brought forward . .	$841 50	$1,500 00
For contract for plumbing, Huey Bros.	264 53	
Steam heating apparatus :—		
Greene & Co	235 00	
Total		1,341 03
Surplus of appropriation relinquished to General Treasury		$158 97

GENERAL EXPENSES.

Appropriation			$1,100 00

EXPENDED.

For salaries of :—			
Librarian, Ellen M. Hayes . .	$284 25		
Assistants :—			
Theresa L. Burke	12 60		
James S. Crawford . . .	7 28		
Thomas Doyle	17 33		
		$321 46	
Carpentry, gas piping, etc. :—			
John B. Byrne		118 00	
Books, periodicals, etc. :—			
Herman Goldberger . . .	$28 85		
James W. Hunnewell . . .	2 64		
Old Corner Book Store, Inc. . .	185 21		
J. A. Turner	67 00		
		283 70	
Book rental :—			
The Booklovers' Library . .	$10 00		
The Tabard Inn Library . .	10 00		
		20 00	
Directory, W. A. Greenough & Co. .		1 00	
Electric fixtures, wiring, etc. :—			
Thomas J. Daly	$138 89		
F. Bryant & Co.	87 52		
		226 41	
Furniture :—			
John B. Byrne	$250 00		
Library Bureau	10 25		
Worcester Bros.	99 45		
		359 70	
Sign, J. Leo McDonald . . .		9 00	
Amounts carried forward . . .		$1,339 27	$1,100 00

Public Education, Libraries, Etc.—Concluded.

LIBRARIES, NORTH CAMBRIDGE BRANCH, GENERAL EXPENSES—Concluded.

Amounts brought forward		$1,339 27	$1,100 00
For stationery, printing and office supplies:—			
Cook-Vivian Co.	$17 25		
H. C. Dimond & Co.	6 74		
Hooper, Lewis & Co.	2 40		
Library Bureau	5 63		
Edw. W. Wheeler	10 88		
Yawman & Erbe Mfg. Co.	2 25		
		45 15	
Total			1,384 42
Excess of expenditures over appropriation			$284 42
Transfer to this account from Main Library, Salaries			285 00
Balance relinquished to General Treasury			58

SCHEDULE A-VIII

APPROPRIATIONS AND EXPENDITURES

NO. 7

PUBLIC RECREATION

7. PUBLIC RECREATION.

PARKS. (7.2)

CONSTRUCTION AND LANDS.

Appropriation $28,204 54

Department Receipts Carried to General Treasury.

For rents . . . $1,437 60

EXPENDED.

For General Account :—				
Salary of General Supt. of Parks :—				
James A. Montgomery . .		$125 00		
Labor, as per pay-roll . . .		77 00		
Hardware, E. T. Bynner . .		9 05		
Heater, Philip R. Duffy . . .		12 95		
Horseshoeing, M. D. Coyne . .		4 00		
			$228 00	
Office :—				
Salary of clerk, Rose E. Manning .		$53 33		
Expressage, American Express Co.		30		
Stationery, printing and office supplies :—				
H. C. Dimond & Co. .	$1 50			
J. Frank Facey . .	2 50			
		4 00		
Transfer :—				
Supplies, Postage and Stationery		7 36		
			64 99	
Nursery :—				
Labor, as per pay-roll . . .		$232 00		
Fuel, Mass. Wharf Coal Co. . .		5 60		
			237 60	
River Parkway, Section A :—				
Labor, as per pay-roll . . .		$985 00		
Filling, as per pay-roll . . .		9 40		
			994 40	
River Parkway, Section B :—				
Labor, as per pay-roll . . .		$161 00		
Engineers, as per pay-roll . .		27 50		
			188 50	
River Parkway, Section C :—				
Salary of Gen'l Supt. of Parks :—				
John F. Donnelly . . .		$125 00		
Labor, as per pay-roll . . .		2,092 09		
Engineers, as per pay-roll . .		71 50		
Advertising, Cambridge Chronicle		8 00		
Filling :—				
Sundry persons, as per pay-roll .		502 15		
Hardware, tools and supplies :—				
E. T. Bynner . .	$11 10			
James Maitland . .	1 89			
		12 99		
Amounts carried forward . . .		$2,811 73	$1,713 49	$28,204 54

Public Recreation—Continued.

PARKS, CONSTRUCTION AND LANDS—Concluded.

Amounts brought forward . .		$2,811 73	$1,713 49	$28,204 54
For lumber :—				
Geo. W. Gale Lumber Co.	$29 85			
John Quin & Son . .	35 75			
		65 60		
Teaming :—				
Sundry persons, as per pay-roll .		471 28		
			3,348 61	
River Parkway, Section D. :—				
Labor, as per pay roll . . .		$752 91		
Filling, as per pay roll . . .		442 67		
Fuel, Mass. Wharf Coal Co. . .		2 80		
Teaming, as per pay roll . .		50 63		
			1,249 01	
River Parkway, Section F. :—				
Labor, as per pay roll . . .			78 00	
Total				6,389 11
Surplus of appropriation relinquished to General Treasury				$21,815 43

CONSTRUCTION, PLAYGROUND, EAST CAMBRIDGE.

Appropriation		$2,599 00
EXPENDED.		
For labor, as per pay-roll . . .	$1,645 00	
Engineers, as per pay roll . .	317 00	
Bicycle repairs, sundry persons .	3 50	
Filling :—		
Sundry persons, as per pay rolls .	236 30	
Teaming :—		
Sundry persons, as per pay rolls .	35 00	
Total		2,236 80
Surplus of appropriation relinquished to General Treasury		$362 20

CONSTRUCTION, RINDGE FIELD.

Appropriation		$2,153 16
EXPENDED.		
For labor as per pay roll . . .	$1,579 07	
Engineers, as per pay roll . .	11 00	
Hardware, tools and repairs, and supplies :—		
E. T. Bynner	19 00	
Amounts carried forward . . .	$1,609 07	$2,153 16

Public Recreation—Continued.

PARKS, CONSTRUCTION, RINDGE FIELD—Concluded.

Amounts brought forward	$1,609 07	$2,153 16
For playground apparatus and frame (partial expense):—		
Narragansett Machine Co.	325 00	
Stakes, John Quin & Son	16 25	
Teaming, as per pay roll	202 50	
Total		2,152 82
Surplus of appropriation relinquished to General Treasury		34

CONSTRUCTION, SHELTER AT RINDGE FIELD.

Appropriation			$4,000 00
EXPENDED.			
For labor, as per pay-roll		$358 01	
Advertising:—			
Cambridge Sentinel Publishing Co.		12 00	
Contract for building, Thomas Powers		3,078 28	
Contract for plans, Geo. S. R. McLean		158 41	
Hardware and supplies:—			
E. T. Bynner	$1 25		
Geo. T. Johnson & Co.	8 00		
Moore & Hadley	60 00		
		69 25	
Lighting apparatus and electrical work:—			
Cambridge Electric Light Co.	$4 80		
Thomas J. Daly	51 23		
		56 03	
Painting, M. A. Feeley		68 00	
Pipe, Eastern Clay Goods Co.		20 30	
Teaming:—			
Sundry persons, as per pay-roll		78 00	
Transfers:—			
Cement, Sewer Department	$4 47		
Stock and labor, Water Department	40 30		
		44 77	
Total			3,943 05
Surplus of appropriation relinquished to General Treasury			$56 95

Public Recreation—Continued.

PARK MAINTENANCE.

BROWN TAIL MOTH EXTERMINATION.

Appropriation	$11,000 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For destroying nests of brown-tail moth:—	
Sundry persons . .	$10 39
Reimbursement from Com. of Massachusetts . .	2,200 31
	$2,210 70

EXPENDED.

For salaries of:—			
Gen'l Supt., James A. Montgomery	$125 00		
Acting General Superintendent:— John F. Donnelly . . .	20 00		
Clerk, Rose E. Manning . . .	90 00		
		235 00	
Labor, as per pay-roll . . .		11,890 89	
Board and care of injured employee:— Cambridge Hospital . . .		12 86	
Burlap, etc., Wm. H. Claflin & Co. .		61 43	
Cabinet, Library Bureau . . .		50 00	
Creosote oil:— Winchester's Tar Disinfectant Co.		490 35	
Disparene, Bowker Insecticide Co. .		204 00	
Expressage, sundry persons . .		1 80	
Field glasses, Max Keezer . .		10 00	
Hardware, tools and repairs, and supplies:—			
E. T. Bynner	$96 09		
Dodge-Haley Co.	6 13		
Fay Bros.	3 48		
John T. Hourihan	38 50		
Frank Lerner	1 00		
Hugh McCaffrey	3 55		
Chas. G. Reed Wheel Co. . .	4 55		
		153 30	
Hay, grain, etc., John E. Ryan .		113 88	
Horseshoeing:—			
M. D. Coyne	$9 25		
John Ryan	10 50		
		19 75	
Amounts carried forward . . .		$13,243 26	$11,000 00

Public Recreation—Continued.

PARK MAINTENANCE, BROWN TAIL MOTH EXTERMINATION—Concluded.

Amounts brought forward		$13,243 26	$11,000 00
For ladders, C. W. H. Moulton & Co.		91 40	
Oil, J. A. Holmes & Co.		11 05	
Poles, W. H. Norris		5 82	
Professional services of physicians:—			
Frank R. Silver, M. D.	$2 00		
Chas. H. Thomas, M. D.	10 00		
Walter J. Webb, M. D.	5 00		
		17 00	
Spraying rig and repairs:—			
Olds Gas Power Co.		585 70	
Stationery and printing:—			
J. Frank Facey	$18 00		
Library Bureau	7 90		
		25 90	
Use of wagon, Soden St. Stable		14 50	
Total			13,994 63
Surplus of appropriation relinquished to General Treasury			$5 37

CAMBRIDGE FIELD AND SHELTER.

Appropriation	$6,000 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For use of towels, etc.	$280 71

EXPENDED.

For Cambridge Field:—				
Labor, as per pay-roll		$2,498 00		
Filling, as per pay-roll		49 77		
Hardware, tools and supplies:—				
Sundry persons		2 40		
Lighting, Cambridge Elec. Lt. Co.		661 50		
Lumber, Geo. W. Gale Lumber Co.		8 43		
Transfer:—				
Stock and labor, Water Dept.		41 36		
			$3,261 46	
For The Shelter:—				
Salaries of:—				
Supt., John Good	$938 57			
Matron, Ellen Reardon	521 43			
Cleaner, Dennis Kelley	660 00			
		$2,120 00		
Fuel:				
Consumers' Coal Co.	$77 25			
Est. of Chas. Linehan	33 75			
Mass. Wharf Coal Co.	78 45			
		189 45		
Amounts carried forward		$2,309 45	$3,261 46	$6,000 00

Public Recreation—Continued.

PARK MAINTENANCE, CAMBRIDGE FIELD AND SHELTER—Concluded.

Amounts brought forward		$2,309 45	$3,261 46	$6,000 00
For hardware, tools and supplies:—				
E. T. Bynner	$2 35			
P J. Carmichael	10 50			
J. A. Holmes & Co.	1 10			
Pill Bros.	14 85			
		28 80		
Installing shower baths and ventilators:—				
Moynahan & Co.		100 00		
Laundering towels:—				
James H. Lundergan		154 39		
Lighting, Cambridge Elec. Lt. Co		105 60		
Plans and specifications of shower baths:—				
Murphy & Fries		50 00		
Plumbing:—				
Ernest W. Clark	$108 75			
Herbert L. Rose	9 60			
		118 35		
Printing:—				
Cambridge Chronicle	$2 50			
J. Frank Facey	1 00			
		3 50		
Soap:—				
A. Cunningham Drug Co.	$35 00			
Schwarzschild & Sulzberger Co.	3 50			
		38 50		
Sundries		1 40		
Toilet paper, Wm. H. Claflin & Co.		18 50		
			2,928 49	
Total				6,189 95
Excess of expenditure over appropriation				$189 95
Transfer to this account from Maintenance, Rindge Field Shelter				190 00
Surplus relinquished to General Treasury				05

COMMONS, SQUARES AND PUBLIC GROUNDS.

Appropriation			$5,000 00

EXPENDED.

For salaries of:—			
Gen'l Supt., Jas. A. Montgomery	$125 00		
Acting General Superintendent:—			
John F Donnelly	93 34		
Clerk, Rose E. Manning	100 00		
		318 34	
Amounts carried forward		$318 34	$5,000 00

Public Recreation—Continued.

PARK MAINTENANCE, COMMONS, SQUARES AND PUBLIC GROUNDS—Concluded.

Amounts brought forward		$318 34	$5,000 00
For labor, as per pay roll		4,671 19	
Axles for cannon, W. H. Norris		18 75	
Decorating railing around Washington Elm :—			
New England Decorating Co.		5 00	
Expressage, Sawin's Express		15	
Filling :—			
Sundry persons, as per pay roll		49 50	
Flag, Henry A. Wheeler & Co.		13 69	
Hardware, tools and repairs, and supplies :—			
Jos. Breck & Sons, Corp.	$7 20		
E. T. Bynner	3 20		
John T. Hourihan	72 56		
David W. Lewis Co.	1 00		
James Maitland	1 00		
W. H. Norris	1 22		
		86 18	
Harness and repairs and horse clothing :—			
Hugh McCaffrey		25 80	
Hay, grain, and straw :—			
Robert Fawcett	56 07		
E. R. Luke & Co.	65 14		
		121 21	
Lighting, Cambridge Elec. Light Co.		343 50	
Lumber :—			
Geo. W. Gale Lumber Co.	$8 68		
Geo. H. Jennings	60 24		
Wm. H. Wood & Co.	3 68		
		72 60	
Plants, bulbs, etc. :—			
John T. Hourihan	$35 00		
P. O'Brien & Son	105 00		
		140 00	
Printing :—			
Caustic-Claflin Co.	$7 50		
J. Frank Facey	8 00		
		15 50	
Rent of stable and yard :—			
Minnie G. del Castillo		225 00	
Setting top-mast :—			
Boston Flag Pole Co.		21 00	
Teaming :—			
Sundry persons, as per pay-rolls		66 00	
Amounts carried forward		$6,193 41	$5,000 00

Public Recreation—Continued.

PARK MAINTENANCE, COMMONS, SQUARES AND PUBLIC GROUNDS—Concluded.

Amounts brought forward . .		$6,193 41	$5,000 00
For transfers:—			
Stock and labor, Water Dept. .	$29 37		
Stock and labor, Street Dept. .	7 72		
Water used for skating, Water Dept.	19 50		
		56 59	
Total			6,250 00
Excess of expenditures over appropriation . . .			$1,250 00
Transfers to this Department:—			
From Contingent Fund . . .		$1,000 00	
From Sections, A, B, D, F, and Rindge Field		250 00	
			$1,250 00

GENERAL ACCOUNT.

Appropriation	$600 00

DEPARTMENT RECEIPTS CARRIED TO GENERAL TREASURY.

For old lumber	$11 00
Horse	59 80
	$70 80

EXPENDED.

For salary of Gen'l Supt. of Parks:—			
John F. Donnelly . . .		$350 00	
Clerks:—			
Rose E Manning . . .	$273 33		
Mary L. Heanue	24 17		
		297 50	
Labor, as per pay-roll . . .		88 94	
Bicycle repairs:—			
M. J. O'Hara	$4 50		
P. Powell	2 75		
		7 25	
Boxes, W. H. Norris		19 09	
Carriage hire:—			
Geo. D. Merrill	$5 00		
G. F. Whiting & Co. . . .	3 00		
		8 00	
Car tickets:—			
Boston Elevated Railway Co. .		25 00	
Cutting windows at Weld Boat Club House:—			
H. S. Angus & Son . . .		35 00	
Amounts carried forward . . .		$830 78	$600 00

Public Recreation—Continued.

PARK MAINTENANCE, GENERAL ACCOUNT—Continued.

Amounts brought forward . . .		$830 78	$600 00
For dinners, Riverbank-Court Hotel Co.		24 00	
Directory, W. A. Greenough & Co. .		4 00	
Expressage :—			
Savage & Son	$1 15		
R. Wiseman	1 50		
Sundry persons	1 15		
		3 80	
Fuel, Mass. Wharf Coal Co. . .		16 80	
Hardware, tools and supplies :—			
Boston Woven Hose & Rubber Co.	$2 40		
E. T. Bynner	20 86		
Louis P. Nolan	4 80		
L. L. Phipps & Co.	1 20		
Sundry persons	2 11		
		31 37	
Harness repairs, Hugh McCaffrey .		12 25	
Hay, grain, etc. :—			
Robert Fawcett	$46 00		
E. R. Luke & Co.	43 74		
		89 74	
Horse, Geo. H. Prescott . . .		230 00	
Horseshoeing :—			
Wm. Roach	$1 00		
John Ryan	34 50		
		35 50	
Lighting, Cambridge Electric Lt. Co.		11 35	
Lumber, Geo. W. Gale Lumber Co. .		6 20	
Rent of stable and yard :—			
Minnie G. del Castillo . . .		180 00	
Repairing sprinkler :—			
Moynahan & Co.	$2 00		
J. L. & H. K. Potter . . .	14 00		
		16 00	
Stakes, John Quin & Son . . .		17 50	
Stationery, printing and office supplies :—			
Cambridge Chronicle . . .	$3 25		
Caustic-Claflin Co.	31 00		
Cotton & Gould	17 25		
J. A. Cummings Printing Co. .	167 78		
H. C. Dimond & Co. . . .	3 64		
J. Frank Facey	25 75		
Hill, Smith & Co.	1 30		
Library Bureau . . .	27 41		
Stearns & Henderson . . .	3 25		
		280 63	
Subscription :—			
Municipal Journal Publishing Co. .		2 00	
Amounts carried forward . . .		$1,791 92	$600 00

Public Recreation—Continued.

PARK MAINTENANCE, GENERAL ACCOUNT—Concluded.

Amounts brought forward		$1,791 92	$600 00
For telephone service		94 04	
Typewriter and chair:—			
Smith Premier Typewriter Co.		75 50	
Use of wagon, Soden St. Stable		19 25	
Wagon and carriage repairs:—			
Abbot-Downing Co.	$4 10		
Burton & McCannon	39 25		
Stephen J. Moran	7 50		
		50 85	
Transfers:—			
Horseshoeing, Street Dept.	$12 86		
Water rates, Water Dept.	11 50		
Supplies, Postage and Stationery	44 04		
		68 40	
Total			2,099 96
Excess of expenditures over appropriation			$1,499 96
Additional appropriation			1,500 00
Balance relinquished to General Treasury			04

SCHOOLHOUSE GROUNDS.

Appropriation transferred from Contingent Fund		$200 00
EXPENDED.		
For labor, as per pay roll	$16 68	
Making sand boxes, Thos. Powers	168 75	
Sand, Jeremiah Sullivan	2 00	
Teaming:—		
Sundry persons, as per pay-roll	12 50	
Total		199 93
Surplus of appropriation relinquished to General Treasury		07

SECTIONS A, B, D, F, AND RINDGE FIELD.

Appropriation		$3,000 00
EXPENDED.		
For Section A:—		
Labor, as per pay-roll	$12 00	
Lighting:—		
Welsbach Street Lighting Co. of America	208 62	
Amounts carried forward	$220 62	$3,000 00

Public Recreation—Continued.

PARK MAINTENANCE, SECTIONS A, B, D, F AND RINDGE FIELD—Continued.

Amounts brought forward		$220 62		$3,000 00
For use of man and horses on watering cart:—				
John Murphy		85 00		
Transfer:—				
Stock and labor, Water Dept.		7 36	$312 98	
Section B:—				
Labor as per pay roll		$924 50		
Hardware, E. T. Bynner		95		
Lighting:—				
Welsbach Street Lighting Co. of America		774 78		
Repairs to float at Harvard Bridge:—				
Boston Woven Hose & Rubber Co.	$0 60			
James Maitland	5 78			
		6 38		
Use of men and horses on watering cart:—				
John Murphy		85 00		
			1,791 61	
Section D:—				
Labor, as per pay roll		$480 50		
Hardware, E. T. Bynner		4 68		
Lighting:—				
Welsbach Street Lighting Co. of America		606 62		
Lumber, Geo. W. Gale Lumber Co.		2 85		
Use of man and horses on watering cart:—				
John Murphy		85 00		
Transfer:—				
Stock and labor, Water Dept.		12 51		
			1,192 16	
Section F:—				
Labor as per pay roll		$336 00		
Lighting:—				
Welsbach Street Lighting Co. of America		268 20		
Use of man and horses on watering cart:—				
John Murphy		24 67		
			628 87	
Amounts carried forward			$3,925 62	$3,000 00

Public Recreation—Continued.

PARK MAINTENANCE, SECTIONS A, B, D, F AND RINDGE FIELD—Concluded.

Amounts brought forward			$3,925 62	$3,000 00
For Rindge Field:—				
Labor, as per pay roll		$542 50		
Lighting:—				
Cambridge Elec. Lt. Co.	$181 50			
Welsbach Street Lighting Co. of America	59 58			
		241 08		
Repairing tools, James Maitland		1 00		
Transfer:—				
Stock and labor, Water Dept		36 85		
			821 43	
Total				4,747 05
Excess of expenditures over appropriation				$1,747 05
Additional appropriation				2,000 00
				$252 95
Transfer from this account to Commons, Squares and Public Grounds				250 00
Balance relinquished to General Treasury				$2 95

SECTIONS G AND H.

Appropriation			$2,500 00
EXPENDED.			
For salaries of:—			
Gen'l Supt., James A. Montgomery	$125 00		
Clerk, Rose E. Manning	10 00		
		$135 00	
Labor, as per pay-roll		1,531 57	
Car tickets:—			
Boston Elevated Railway Co.		25 00	
Lighting:—			
Welsbach St. Lighting Co. of America		797 50	
Transfer:—			
Stock and labor, Water Dept.		10 59	
Total			2,499 66
Surplus of appropriation relinquished to General Treasury			34

Public Recreation—Continued.

PARK MAINTENANCE—Continued.

SHELTER AT RINDGE FIELD.

Appropriation transferred from Contingent Fund		$300 00
EXPENDED.		
For salary of care-taker, Wm. Hayes .	$92 25	
Hardware, E. T. Bynner . .	7 91	
Soap :—		
Schwarzschild & Sulzberger Co. .	3 50	
Toilet paper, Geo. T. Johnson & Co.	6 00	
Total		109 66
Surplus of appropriation		$190 34
Transfer from this account to Cambridge Field and Shelter		190 00
Balance relinquished to General Treasury . . .		34

GYMNASIUM AT RINDGE FIELD.

Appropriation		$500 00
EXPENDED.		
For playground apparatus and frame (partial expense) :—		
Narragansett Machine Co. . .	$500 00	
Total		500 00

SHADE TREES.

Appropriation			$5,000 00
EXPENDED.			
For salaries of : —			
Gen. Supt., James A. Montgomery	$193 55		
Gen. Supt., John F. Donnelly .	151 66		
Clerk, Rose E. Manning . . .	30 00		
		$375 21	
Labor, as per pay roll . . .		5,500 39	
Expressage, Dodge Express Co. .		1 65	
Filling, sundry persons as per pay roll		70 81	
Freight, Boston & Maine, R.R. . .		3 81	
Hardware, tools and repairs, and supplies : —			
E. T. Bynner	$55 85		
Fay Bros.	3 75		
J. A. Holmes & Co. . . .	18 85		
David W. Lewis Co. . . .	95		
Simplex Electrical Co. . . .	8 10		
Daniel J. Sullivan	15 50		
		103 00	
Harness repairs, Hugh McCaffrey .		1 20	
Amounts carried forward . . .		$6,056 07	$5,000 00

Public Recreation—Continued.

PARK MAINTENANCE, SHADE TREES—Concluded.

Amounts brought forward . .		$6,056 07	$5,000 00
For horseshoeing, M. D. Coyne . .		3 75	
Horse clipping, Ferris & Co. . .		3 00	
Maple trees, Chas. R. Fish & Co. .		100 00	
Poles, C. W. H. Moulton & Co. .		31 50	
Printing: —			
Cambridge Chronicle . . .	$7 00		
Caustic-Claflin Co.	6 75		
J. Frank Facey	21 00		
		34 75	
Rent of stable and yard: —			
Minnie G. del Castillo . . .		90 00	
Repairs on account of damage from falling trees: —			
Geo. H. Hicks	$66 00		
C. Mahoney	7 63		
W. H. Norris	3 05		
		76 68	
Teaming:			
Sundry persons, as per pay roll .		52 50	
Wire netting, Morss & Whyte Co. .		51 30	
Total			6,499 55
Excess of expenditures over appropriation . . .			$1,499 55
Additional appropriation			1,500 00
Balance relinquished to General Treasury . . .			45

BATHS. (7.3)

Appropriation	$2,300 00

Department Receipts Carried to General Treasury.

For use of suits, towels, etc.	$1,481 30

EXPENDED.

For salaries of: —		
Bath-house keepers: —		
E. W. Abbott	$152 57	
Frederic Clauss	142 29	
John F. Cummings . . .	140 57	
Joseph James	179 42	
Life-guards: —		
John J. Ahern, Jr. . . .	131 98	
Emerill B. Beucler . . .	142 30	
Daniel F. McAuliffe .	5 13	
Amounts carried forward . . .	$894 26	$2,300 00

Public Recreation—Continued.

PARK DEPARTMENT, BATHS—Concluded.

Amounts brought forward	$894 26		$2,300 00
For matrons:—			
Julia Rowe	127 27		
Nellie Sullivan	142 15		
		$1,163 68	
Labor, as per pay roll		395 00	
Bathing suits, Emerson Bros.		367 51	
Expressage, Sawin's Express		40	
Hardware, tools and repairs, and supplies:—			
E. T. Bynner	$31 84		
J. H. Corcoran & Co.	12 30		
J. A. Holmes & Co.	3 05		
Jordan, Marsh Co.	1 50		
H. Pill & Bro.	3 00		
Winchester's Tar Disinfectant Co.	11 25		
		62 94	
Laundering, Cambridge Laundry		193 06	
Lumber, Geo. W. Gale Lumber Co.		10 45	
Plumbing, Ernest W. Clark		3 81	
Printing:—			
Cambridge Chronicle	$18 25		
Caustic-Claflin Co.	18 50		
		36 75	
Rope, John T. Hourihan		39 06	
Signs, Cambridge Sign Co.		15 50	
Telephone service		11 74	
Total			2,299 90
Surplus of appropriation relinquished to General Treasury,			10

CELEBRATIONS. (7.4)

INDEPENDENCE DAY.

Appropriation			$1,500 00

EXPENDED.

For badges:—			
Ehrman Manufacturing Co.		$9 15	
Base balls:—			
Iver Johnson Sporting Goods Co.	$10 00		
Albert L. Martin	2 50		
		12 50	
Building band stands, etc:—			
Thomas Powers	$20 00		
W. H. Norris	23 72		
		43 72	
Amounts carried forward		$65 37	$1,500 00

Public Recreation—Continued.

CELEBRATIONS, INDEPENDENCE DAY—Concluded.

Amounts brought forward . .		$65 37	$1,500 00
For expressage, R. Wiseman . .		3 00	
Fireworks, National Fireworks Co.		750 00	
Games :—			
Glenwood Base Ball Club . .	$25 00		
A. H. Hews Corporation . .	25 00		
Sacred Heart Base Ball Club . .	25 00		
Joseph F. Slocomb	25 00		
Young Ireland Club . . .	50 00		
		150 00	
Handicapping games, Frank McGrath		17 50	
Labor, sundry persons, as per pay roll		32 97	
Lighting, Cambridge Elec. Light Co.		15 00	
Music :—			
Cambridge Cadet Band . . .	$150 00		
Monument National Band . .	75 00		
Sinclair and Knights Band . .	100 00		
		325 00	
Printing, J. Frank Facey . . .		7 75	
Prizes, E. J. Dunphy . . .		112 50	
Refreshments, Geo. H. Whippen .		24 15	
Ringing bells :—			
Sundry persons, as per pay roll .		42 00	
Sanction for games :—			
New England Association of the Amateur Athletic Union . .		10 00	
Services, managing games :—			
John C. Haverty, Jr. . . .	$25 00		
Benj. B. Osthens	31 78		
		56 78	
Services as umpires :—			
Albert Cote	$5 00		
John Coyne	5 00		
John F. Cummings . . .	5 00		
Hugh T. O'Rourke	5 00		
		20 00	
Teaming, Jeremiah Sullivan . .		5 00	
Use of chairs, S. H. Harrington .		9 77	
Use of rope, Nolan Bros. . . .		14 00	
Total			1,660 79
Excess of expenditures over appropriation . .			$160 79
Transfer to this account from Contingent Fund . .			161 00
Balance relinquished to General Treasury . . .			21

Public Recreation—Concluded.

CELEBRATIONS—Concluded.

LABOR DAY.

Appropriation			$400 00
EXPENDED.			
For badges, A. R. Lopez		$18 08	
Base-balls, Wright & Ditson		3 00	
Carriage hire, John P. Sweeney		5 00	
Cash expended for Sundries:—			
Clarence E. Akerstrom		4 98	
Games:—			
Geo. English, Manager	$50 00		
Thos. Maloney, Manager	20 00		
		70 00	
Handicapping games:—			
T. J. Conrick	$10 00		
Frank McGrath	10 20		
		20 20	
Music, T. F. Moran		88 00	
Printing, J. Frank Facey		4 50	
Prizes, E. J. Dunphy		146 00	
Refreshments:—			
Bushway Ice Cream Co.	$13 88		
M. Cohen	10 00		
Herman L. Hoffman	6 33		
		30 21	
Sanction for games:—			
N. E. Association of the Amateur Athletic Union		10 00	
Total			399 97
Surplus of appropriation relinquished to General Treasury			03

MEMORIAL DAY.

Appropriation		$1,100 00
EXPENDED.		
For observance of Memorial Day:—		
Chas. Beck Post 56, G. A. R.	$250 00	
P. Stearns Davis Post 57, G. A. R.	250 00	
John A. Logan Post 186, G. A. R.	250 00	
Wm. H. Smart Post 30, G. A. R.	250 00	
Leslie F. Hunting Camp 12, S. W. V.	100 00	
Total		1,100 00

SCHEDULE A-VIII

APPROPRIATIONS AND EXPENDITURES

No. 9

PUBLIC INTEREST

9. PUBLIC INTEREST.

Appropriation			$238,000 00

Department Receipts Carried to General Treasury.

For interest on bank deposits (9.1)	$4,824 19
Interest on sewer assessments (9.2)	46 76
Interest on sidewalk assessments (9.2)	64 48
Interest on overdue taxes (9.2)	10,225 93
Accrued interest (9.4)	1,587 12
	$16,748 48

EXPENDED.

For payment of interest on debt (9.3) :—			
Temporary tax loans	$9,314 60		
Funded debt	173,562 25		
Park loans	55,392 50		
		$238,269 35	
Payment of interest on trust funds (9.4): —			
Daniel White Charity	$300 00		
Dowse Fund	600 00		
Sanders Temperance Fund	600 00		
		1,500 00	
Total			$239,769 35
Excess of expenditures over appropriation			$1,769 35
Additional appropriation			1,816 85
Balance relinquished to General Treasury			$47 50

INTEREST ON WATER LOAN.

Appropriation		$142,706 50

EXPENDED.

For payment of interest on water loans	$143,827 75	
Total		143,827 75
Excess of expenditures over appropriation		$1,121 25
Additional appropriation		1,529 24
Balance relinquished to General Treasury		$407 99

SCHEDULE A-VIII

APPROPRIATIONS AND EXPENDITURES

No. 10

TAXATION

10. TAXATION.

ABATEMENTS. (10.1)

EXPENDED.

For abatements, as per assessors' certificates :—		
On taxes of 1906 :—		
Real estate	$20,374 63	
Personal	11,069 09	
Poll	352 00	
Watering	41 12	
Moth assessments	283 25	
		$32,120 09
On taxes of 1905 :—		
Real estate	$13,275 00	
Personal	3,230 85	
Poll	72 00	
Watering	29 46	
		16,607 31
On taxes of 1904 :—		
Real estate	$1,249 42	
Personal	1,949 59	
Poll	10 00	
		3,209 01
On taxes of 1903 :—		
Personal	$535 94	
Poll	4 00	
		539 94
On taxes of 1902 :—		
Personal	$507 83	
Poll	4 00	
		511 83
On taxes of 1901 :—		
Personal		69 29
On taxes of 1900 :—		
Personal		47 32
For abatements in accordance with decree of County Commissioners and execution of court :—		
John C. Gray	$1,006 99	
Trustees of the University Associates	1,355 78	
		2,362 77
Excess of taxes of 1905 over taxes of 1896 :—		
Benjamin F. Brown	$158 63	
Elmer H. Bright, Trustee	937 47	
Cambridgeport Savings Bank	516 87	
Geo. G. Crocker and Edw. P. Fisk, Trustees, and Mary G. Fisk	2,646 64	
Heirs of Benjamin Tilton, and Geo. G. Crocker and Frederic P. Fisk, Trustees	589 17	
Edw., Geo. F. and Jas. H. Kendall	446 41	
Geo. B. Roberts	272 64	
Wm. H. Wood	436 34	
		6,004 17
Amount carried forward		$61,471 73

Taxation—Concluded.

ABATEMENTS—Concluded.

Amount brought forward		$61,471 73	
For refunds on account of invalid tax titles:—			
Wm. Williams	$26 06		
Harlow H. Rogers	31 00		
		57 06	
			$61,528 79

EXCISE TAX REFUNDS. (10.4)

Appropriation			$300 00

EXPENDED.

For refunds of tax on receipts from sale of trading stamps:—			
J. C. Donovan	$9 15		
James Johnston	129 60		
John Joseph	17 30		
R. A. Lufkin & Co.	10 68		
James O'Brien	21 15		
Ephraim Olman	6 15		
Peter J. Smith	31 80		
C. B. Wilbur	22 00		
Samuel Wooley	30 60		
		$278 43	
Total			278 43
Surplus of appropriation relinquished to General Treasury			$21 57

SCHEDULE B

Nos. I to VII

ASSETS AND LIABILITIES

SCHEDULE B-I

Consolidated Balance Sheet. November 30, 1906.

ASSETS.		LIABILITIES.	
Current Assets (B-II.)	$617,177 29	Current Liabilities (B-II)	$82,565 71
Contingent Assets (B-III.)	185,237 55	Contingent Liabilities (B-III.)	14,702 97
Trust Funds and Special Deposits (B-IV.)	120,471 43	Trust Liabilities (B-IV.)	120,471 43
Sinking Funds (B-V.)	2,548,048 83	Bonded Debt (B-V.)	10,528,950 00
Total Available Assets	$3,470,935 10	Total Liabilities	$10,746,690 11
Fixed Assets (Unavailable. B-VI.)	12,069,934 22	General Deficit and Surplus Account (B-VII.)	4,794,179 21
Grand Total of Assets	$15,540,869 32	Grand Total of Liabilities and Surplus	$15,540,869 32

SCHEDULE B–II.

CURRENT ASSETS.

CASH:		
Cash in the Treasury available for general purposes		*$138,090 20
Cash in the Treasury available for special assessments (*included above*).		
GOOD ACCOUNTS RECEIVABLE:		
Delinquent Property Taxes	$448,788 96	
Other good accounts:		
Moth Assessments	1,338 35	
Sewer Assessments	427 38	
Sidewalk Assessments	14,077 57	
Street Watering Assessments	4,553 76	
Miscellaneous Bills	9,901 07	
Total Good Accounts Receivable		479,087 09
Total Current Assets		$617,177 29

CURRENT LIABILITIES.

(Floating Debts.)

1. OUTSTANDING ACCOUNTS DUE AND UNPAID:		
Of the current year		
Land Damages	$75,290 26	
Of previous years		
Tax Sale Surplus	461 07	
2. OUTSTANDING ACCOUNTS NOT DUE:		
Temporary Tax Loans Unpaid		
Other Accounts, Miscellaneous Bills	6,814 38	
Total Current Liabilities		82,565 71
Surplus of Current Assets (B–VII.)		$534,611 58

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*The Treasurer's actual cash is $25,000 greater, as it includes $25,000 which has here been treated as cash in three trust funds. (See Schedule B–IV.) The actual cash balance of $166,708.92 has been shown on Schedule A–I., distributed to various funds and accounts.

SCHEDULE B–III.

CONTINGENT ASSETS.

DOUBTFUL ACCOUNTS RECEIVABLE:		
Delinquent Personal Property and Poll Taxes, viz:		
1899	$21,706 42	
1900	22,746 70	
1901	21,597 90	
1902	22,658 46	
1903	20,345 37	
1904	22,287 72	
1905	33,778 91	
Liens	88 60	
		$165,210 08
Other doubtful accounts, viz:		
Betterments	$225 31	
Miscellaneous Bills	19,802 16	
		20,027 47
Total Contingent Assets		$185,237 55

CONTINGENT LIABILITIES.

RETENTION FUND ACCOUNT:		
Percentage of Contractors' payments retained, viz:		
John B. Byrne	$4,327 50	
G. W. & F. Smith Iron Co.	627 75	
Jones & Meehan	7,082 25	
Holbrook, Cabot & Rollins	1,766 97	
Rockport Granite Co	898 50	
Total Contingent Liabilities		14,702 97
Surplus of Contingent Assets (B–VII.)		$170,534 58

SCHEDULE B-IV.

TRUST FUNDS ASSETS.

CASH IN TRUST FUNDS:		
Firemen's Pension Fund		
Police Pension Fund		
Special Deposits, etc., viz:		
Cemetery Fund	$826 08	
Daniel White Charity Fund	*5,000 00	
Dowse Institute Fund	*10,000 00	
Sanders Temperance Fund	*10,000 00	
Bridge Charitable Fund	2,430 82	
Sarah E. Russell Fund	814 41	
Wm. E. Saunders Fund	514 30	
Citizens' Subscription Fund	19 96	
Cummings Legacy	2 35	
Fay Legacy	2 81	
James A. Woolson Fund	10 70	
Total cash in Trust Funds		$29,621 43
INVESTMENTS OF TRUST FUNDS:		
Stocks and Bonds in various Funds, viz.:		
Cemetery Fund	$70,350 00	
Cummings Legacy	2,000 00	
Fay Legacy	1,000 00	
Citizens' Subscription Fund	5,500 00	
Wm. E. Saunders Fund	7,000 00	
James A. Woolson Fund	5,000 00	
		90,850 00
Total Assets in Trust Funds		$120,471 43

LIABILITIES

Firemen's Pension Fund Account		
Police Pension Fund Account		
Other Trust Funds and Special Funds, viz.:		
Daniel White Charity Fund	$5,000 00	
Dowse Institute Fund	10,000 00	
Sanders Temperance Fund	10,000 00	
Cemetery Fund Account	71,176 08	
Bridge Charitable Fund	2,430 82	
Citizens' Subscription Fund	5,519 96	
Cummings Legacy	2,002 35	
Fay Legacy	1,002 81	
Sarah E. Russell Fund	814 41	
Wm. E. Saunders Fund	7,514 30	
James A. Woolson Fund	5,010 70	
Total Liabilities		$120,471 43

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* For the purposes of this schedule these amounts have been deducted from the Treasurer's general cash (B-II.) and set up here as assets.

SCHEDULE B–v.

SINKING FUNDS ASSETS.

CASH IN ALL SINKING FUNDS		$6,748 83
INVESTMENTS OF SINKING FUNDS		
Bonds and Other Securities, viz.:		
(Per list in report of Sinking Funds Commissioners)	$2,541,300 00	
Total Assets in Sinking Funds		$2,548,048 83

BONDED DEBTS OF THE CITY.

1. GENERAL BONDS:		
a. For General Municipal Purposes.		
*Funded City Debt	$6,657,850 00	
b. For Municipal Enterprises.		
†Water Works	3,871,100 00	
2. SPECIAL ASSESSMENT BONDS:‡		
Total of Bonded Debts		$10,528,950 00
Excess of Debts (Net Bonded Debt. See B-VII.)		$7,980,901 17

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*Schedule in detail will be found on pages 234 to 237, inclusive, of the Auditor's Report.

†Schedule in detail will be found on page 238 of the Auditor's Report.

‡Included in 1-a above.

SCHEDULE B–VI.

FIXED ASSETS.

LAND, BUILDINGS AND EQUIPMENT.

Law Department, equipment		$200 00
City Buildings:		
Land	$104,300 00	
Buildings	347,100 00	
Equipment	41,093 00	
		492,493 00
Police Department:		
Equipment		14,567 75
Fire Department:		
Land	$43,800 00	
Buildings	158,500 00	
Equipment	83,880 00	
		286,180 00
Fire and Police Telegraph, Equipment		38,190 00
Health Department:		
Land	$10,100 00	
Buildings	4,200 00	
Equipment	3,019 75	
		17,319 75
Inspection of Milk and Vinegar, Equipment		1,287 86
Cemeteries:		
Land	$60,000 00	
Buildings	2,500 00	
Equipment	2,657 72	
		65,157 72
Sealer of Weights and Measures, Equipment		1,973 75
Armories:		
Land	$25,000 00	
Buildings	150,000 00	
Equipment	5,000 00	
		180,000 00
City Home:		
Land	$53,500 00	
Buildings	28,200 00	
Equipment	19,312 40	
		$101,012 40

SCHEDULE B-VII.—Concluded.

Street Department (Stables, etc.):		
Land	$93,000 00	
Buildings	43,000 00	
Equipment	67,531 83	
		$203,531 83
Engineering Department, Equipment		100,010 00
Sewer Department (Stables, etc.):		
Land	$5,900 00	
Buildings	5,600 00	
Equipment	7,511 00	
		19,011 00
Street Lighting, Equipment		4,120 00
Bridge Department, Equipment		2,388 00
Water Works:		
Land, Dams, etc	$1,325,510 31	
Buildings	101,810 40	
Equipment	2,216,554 54	
		3,643,875 25
Schools:		
Land	$383,950 00	
Buildings	1,729,550 00	
Equipment	172,574 14	
		2,286,074 14
Library:		
Land	$85,000 00	
Buildings	145,000 00	
Equipment	86,660 00	
		316,660 00
Parks:		
Land	4,225,912 29	
Buildings	66,124 48	
Equipment	3,845 00	
		4,295,881 77
Total Fixed Assets. (See B-VII.)		$12,069,934 22

SCHEDULE B–VII.

GENERAL DEFICIT AND SURPLUS ACCOUNT.

DEFICITS.

* Deficit of Current Assets (B–II.), if any		
† Deficit of Contingent Assets (B–III.), if any		
† Deficit of Trust Funds Assets (B–IV.), if any		
† Deficit of Sinking Funds Assets (B–V.), viz:		
Net Bonded Debt	$7,980,901 17	
Total of all Deficits		$7,980,901 17

SURPLUS.

* Surplus of Current Assets (B–II.), if any	$534,611 58	
† Surplus of Contingent Assets (B–III.), if any	170,534 58	
† Surplus of Trust Funds (B–IV.), if any		
† Surplus of Sinking Funds (B–V.), if any		
Total Surplus, excluding Fixed Assets ‡		705,146 16
Excess of Deficits, viz:		
Total Net Debts of the City		$7,275,755 01

BALANCE.

Total of Fixed Assets:	
Land, Buildings, Equipments (B–VI.)	$12,069,934 22
Deduct Total Net Debts of the City, as above	7,275,755 01
Balance of this Account, General Surplus (B–I.)	$4,794,179 21

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* Balance of Schedule B–II. will appear under *one* or the *other* of these heads.

† Balance of other schedules, B–III., etc., will appear in like manner.

‡ Fixed Assets are set up by themselves under "Balance." (See above.)

SCHEDULE B

No. VIII

CITY FUNDED DEBT AND MISCELLANEOUS TABLES

CITY FUNDED DEBT.

There have been additions to the City Funded Debt during the year as follows:

Cambridge Bridge Loan, registered and coupon bonds payable in forty years, at an annual interest of four per cent.	
For the purpose of the construction of the "Cambridge Bridge" and its approaches, and for other purposes, as authorized under the provisions of Chapter 467 of the Legislative Acts of 1898.	$150,000 00
Chapter 391 of the Acts of 1904 (Brookline Bridge Approach) .	25,000 00
Chapter 372, Acts of 1903 (Commercial Avenue Bridge) . .	50,000 00
Park Loan, registered bonds payable in forty years, at an annual interest of four per cent.	
For the purpose of paying for property purchased, taken or held for a public park or esplanade as authorized by Chapter 341 of the Acts of 1892, Chapter 337, Acts of 1893 and Acts in amendment thereof and in addition thereto, and also for defraying the expense of constructing such park or esplanade and for any purpose incident to the protection, enlargement or advancement of a public park or esplanade in said City of Cambridge, as authorized by Chapter 221 of the Acts of the year 1899 . .	25,000 00
Schoolhouse Loans, registered and coupon bonds payable in twenty years at an annual interest of four per cent.	
For the purpose of the construction of an addition to the Wellington School House	47,000 00
Sewer Loans, registered bonds payable in thirty years, at an annual interest of four per cent.	
For the purpose of constructing sewers, as authorized by Chapter 383 of the Acts of 1903	50,000 00
For the purpose of constructing sewers, as authorized by Section 11 of Chapter 27 of the Revised Laws	10,000 00
Street Loan, registered bonds payable in twenty years, at an annual interest of four per cent.	
For the purpose of the construction of highways, streets and ways and for defraying the cost of any real estate or interest therein taken for such highways, streets, ways or buildings, under authority conferred by Chapter 212 of the Acts of 1894 . .	122,000 00
	$479,000 00

	1905.	1906.	Increase.
Funded City Debt.....................	$6,178,850 00	$6,657,850 00	$479,000 00
Sinking Funds.........................	845,183 89	1,040,299 98	195,115 09
Net Funded City Debt..................	$5,333,666 11	$5,617,551 02	$283,884 91

The following is a statement of the total funded debt of the City, with the rates of interest thereon :—

BRIDGE LOAN.

Date of Issue.	Rate of Interest.	When Due.	Amount.	Total.
Oct. 1, 1887 R......	4 per cent.—30 yrs....	Oct. 1, 1917......	$10,000 00	
July 1, 1888 C......	4 “ —30 “	July 1, 1918......	100,000 00	
Sept. 1, 1888 C......	4 “ —30 “	Sept. 1, 1918......	100,000 00	
Mar. 1, 1889 C......	4 “ —30 “	Mar. 1, 1919......	115,000 00	
Nov. 1, 1890 R......	4 “ —30 “	Nov. 1, 1920......	5,000 00	
July 1, 1891 C......	4 “ —30 “	July 1, 1921......	60,000 00	
Aug. 1, 1893 C......	4 “ —30 “	Aug. 1, 1923......	10,000 00	
July 1, 1899 R.....	3½ “ —40 “	July 1, 1939......	50,000 00	
July 2, 1900 R......	3½ “ —40 “	July 2, 1940......	100,000 00	
Feb. 1, 1901 R......	3 “ —40 “	Feb. 1, 1941......	100,000 00	
Nov. 1, 1901 R.....	3½ “ —40 “	Nov. 1, 1941.....	100,000 00	
July 1, 1902 R. & C.	3½ “ —40 “	July 1, 1942......	100,000 00	
Jan. 1, 1903 R......	3½ “ —40 “	Jan. 1, 1943......	50,000 00	
April 1, 1903 R......	3½ “ —40 “ .. .	Apr. 1, 1943......	50,000 00	
Aug. 1, 1903 C......	3½ “ —40 “	Aug. 1, 1943......	50,000 00	
Jan. 1, 1904 R......	3½ “ —40 “	Jan. 1, 1944......	100,000 00	
May 1, 1904 C......	3½ “ —40 “	May 1, 1944......	200,000 00	
Aug. 1, 1904 R......	3½ “ —40 “	Aug. 1, 1944......	150,000 00	
May 1, 1905 R......	3½ “ —40 “	May 1, 1945......	150,000 00	
Dec. 1, 1905 R.....	3½ “ —40 “	Dec. 1, 1945......	100,000 00	
Jan. 1, 1906 R......	3½ “ —40 “	Jan. 1, 1946......	20,000 00	
Aug. 1, 1906 R......	4 “ —40 “	Aug. 1, 1946......	200,000 00	
Sept. 1, 1906 R......	4 “ —40 “	Sept. 1, 1946......	5,000 00	$1,925,000 00

BUILDING LOAN.

Aug. 1, 1894 R. & C.	4 per cent.—20 yrs....	Aug. 1, 1914	$37,000 00	
Oct. 1, 1895 R......	4 “ —20 “	Oct. 1, 1915......	25,000 00	
Oct. 1, 1896 R......	4 “ —20 “	Oct. 1, 1916......	60,000 00	
April 1, 1903 R......	3½ “ —20 “	Apr. 1, 1923......	3 000 00	
April 1, 1904 C......	3½ “ —20 “	Apr. 1, 1924......	25,000 00	
May 1, 1904 R......	3½ “ —20 “	May 1, 1924......	5,000 00	$155,000 00

CAMBRIDGE BRIDGE SPECIAL LOAN.

(Charles River Dam.)

May 1, 1904 R......	3½ per cent.—30 yrs....	May 1, 1934......		$28,000 00

CAMBRIDGE CEMETERY LOAN.

Nov. 1, 1900 R......	3½ per cent.—10 yrs....	Nov. 1, 1910......		$7,000 00

CITY LOAN.

Aug. 1, 1898 R......	3½ per cent.—10 yrs....	Aug. 1, 1908......	$4,900 00	
Nov. 1, 1901 R......	3½ “ —10 “	Nov. 1, 1911......	6,000 00	
July 1, 1902 R......	3½ “ —10 “	July 1, 1912......	38,000 00	
Nov. 1, 1902 R.....	3½ “ —10 “	Nov. 1, 1912......	20,000 00	$68 900 00

CLAY LAND LOAN.

July 1, 1896 R......	4 per cent.—15 yrs....	July 1, 1911......	$50,000 00	
Nov. 1, 1897 R......	3½ “ —15 “	Nov. 1, 1912......	20,000 00	
Aug. 1, 1898 R......	3½ “ —15 “	Aug. 1, 1913......	10,000 00	
July 1, 1899 R......	3½ “ —15 “	July 1, 1914......	17,000 00	$97,000 00

Amount carried forward $2,280,900 00

Amount brought forward $2,280,900 00

HOSPITAL LOAN.

July 1, 1902 R......	3½ per cent.—20 yrs....	July 1, 1922......		$6,000 00

METROPOLITAN PARK ASSESSMENT LOAN.

Aug. 1, 1902 R......	3½ per cent.—30 yrs...	Aug. 1, 1932		$46,000 00

PARK LOAN.

Feb. 1, 1894 R. & C.	4 per cent.—30 yrs...	Feb. 1, 1924......	$360,000 00	
Aug. 1, 1895 R......	4 “ —40 “	Aug. 1, 1935......	100,000 00	
Feb. 1, 1896 R......	4 “ —40 “	Feb. 1, 1936......	100,000 00	
Aug. 1, 1896 R......	4 “ —30 “	Aug. 1, 1926......	100,000 00	
Oct. 1, 1896 R......	4 “ —30 “	Oct. 1, 1926......	40,000 00	
Sept. 1, 1897 R......	3½ “ —40 “	Sept. 1, 1937......	100,000 00	
Nov. 1, 1897 R......	3½ “ —40 “	Nov. 1, 1937......	50,000 00	
June 1, 1898 R......	3½ “ —40 “	June 1, 1938......	50,000 00	
Aug. 1, 1898 R......	3½ “ —40 “	Aug. 1, 1938......	100,000 00	
Aug. 1, 1899 R......	3½ “ —40 “	Aug. 1, 1939......	100,000 00	
July 2, 1900 R......	3½ “ —40 “	July 2, 1940......	50,000 00	
Nov. 1, 1900 R......	3½ “ —40 “	Nov. 1, 1940......	50,000 00	
Nov. 1, 1901 R.....	3½ “ —40 “	Nov. 1, 1941......	100,000 00	
July 1, 1902 R......	3½ “ —40 “	July 1, 1942.....	48,000 00	
April 1, 1903 R......	3½ “ —40 “	Apr. 1, 1943......	50,000 00	
Sept. 1, 1904 R......	3½ “ —40 “	Sept. 1, 1944......	25,000 00	
Nov. 1, 1904 R......	3½ “ —40 “	Nov. 1, 1944......	6,000 00	
April 1, 1905 R......	3½ “ —40 “	Apr. 1, 1945......	5,000 00	
May 1, 1905 R......	3½ “ —40 “	May 1, 1945......	45,000 00	
Aug. 1, 1905 R......	3½ “ —40 “	Aug. 1, 1945.	5,000 00	
Sept. 1, 1906 R......	4 “ —40 “	Sept. 1, 1946......	25,000 00	$1,509,000 00

PAVING LOAN.

Oct. 1, 1897 R......	3½ per cent.—10 yrs....	Oct. 1, 1907......		$20,000 00

PUBLIC LIBRARY LOAN.

Nov. 1, 1901 R......	3½ per cent.—20 yrs....	Nov. 1, 1921......		$27,000 00

SCHOOLHOUSE LOAN.

Aug. 1, 1894 R. & C.	4 per cent.—20 yrs....	Aug. 1, 1914......	$81,000 00	
Oct. 1, 1895 R......	4 “ —20 “	Oct. 1, 1915......	35,000 00	
Oct. 1, 1896 R......	4 “ —20 “	Oct. 1, 1916......	43,000 00	
Oct. 1, 1896 R......	4 “ —20 “	Oct. 1, 1916.....	6,000 00	
July 1, 1897 R......	3½ “ —20 “	July 1, 1917......	100,000 00	
Nov. 1, 1897 R......	3½ “ —10 “	Nov. 1, 1907......	9,500 00	
May 2, 1898 R......	3½ “ —20 “	May 2, 1918......	100,000 00	
June 1, 1898 R	3½ “ —20 “	June 1, 1918......	50,000 00	
Aug. 1, 1898 R......	3½ “ —20 “	Aug. 1, 1918......	142,000 00	
July 1, 1899 R......	3½ “ —20 “	July 1, 1919	42,000 00	
July 1, 1899 R......	3½ “ —10 “	July 1, 1909......	45,000 00	
Nov. 1, 1899 R......	3½ “ —10 “	Nov. 1, 1909......	32,000 00	
Nov. 1, 1899 R......	3½ “ —20 “	Nov. 1, 1919......	13,000 00	
Nov. 1, 1900 R......	3½ “ —10 “	Nov. 1, 1910......	36,000 00	
July 1, 1901 R......	3½ “ —20 “	July 1, 1921......	76,000 00	
Nov. 1, 1901 R......	3½ “ —10 “	Nov. 1, 1911......	30,000 00	
July 1, 1902 R......	3½ “ —20 “	July 1, 1922......	86,500 00	
Oct. 1, 1902 R......	3½ “ —20 “	Oct. 1, 1922......	11,000 00	
Oct. 1, 1903 R......	3½ “ —20 “	Oct. 1, 1923......	80,000 00	
April 1, 1904 C... ..	3½ “ —20 “	Apr. 1, 1924......	80,000 00	
Nov. 1, 1904 R......	3½ “ —20 “	Nov. 1, 1924......	20,000 00	
Nov. 1, 1904 R......	3½ “ —20 “	Nov. 1, 1924......	6,000 00	
May 1, 1905 R......	3½ “ —20 “	May 1, 1925......	20,950 00	
Aug. 1, 1905 R......	3½ “ —20 “	Aug. 1, 1925......	20,000 00	
Aug. 1, 1906 R......	4 “ —20 “	Aug. 1, 1926......	33,000 00	
Nov. 1, 1906 R.... .	4 “ —20 “	Nov. 1, 1926......	14,000 00	$1,211,950 00

Amount carried forward $5,100,850 00

Amount brought forward $5,100,850 00

SEWER LOAN.

Nov. 1, 1887 R......	4 per cent.—20 yrs....	Nov. 1, 1907......	$30,000 00	
Nov. 1, 1889 C......	4 " —20 "	Nov. 1, 1909......	22,000 00	
May 1, 1890 R......	4 " —20 "	May 1, 1910......	15,000 00	
July 1, 1891 C......	4 " —20 "	July 1, 1911......	15,000 00	
Aug. 1, 1894 R. & C.	4 " —30 "	Aug. 1, 1924.....	75,000 00	
Oct. 1, 1895 R......	4 " —30 "	Oct. 1, 1925......	60,000 00	
Oct. 1, 1896 R......	4 " —20 "	Oct. 1, 1916......	75,000 00	
Aug. 1, 1901 R......	3½ " —30 "	Aug. 1, 1931......	10,000 00	
Oct. 1, 1903 R......	3½ " —30 "	Oct. 1, 1933......	20,000 00	
May 1, 1904 R......	3½ " —30 "	May 1, 1934......	40,000 00	
Nov. 1, 1904 R......	3½ " —30 "	Nov. 1, 1934......	5,000 00	
May 1, 1905 R......	3½ " —30 "	May 1, 1935......	15,000 00	
May 1, 1906 R......	4 " —30 "	May 1, 1936......	10,000 00	$392,000 00

SEWER LOAN. (Improved Sewerage.)

Nov. 1, 1899 R......	3½ per cent.—30 yrs....	Nov. 1, 1929......	$42,000 00	
July 2, 1900 R......	3½ " —30 "	July 2, 1930......	100,000 00	
Aug. 1, 1901 R......	3½ " —30 "	Aug. 1, 1931......	100,000 00	
Nov. 1, 1902 R......	3½ " —30 "	Nov. 1, 1932......	20,000 00	
Apr. 1, 1903 R......	3½ " —30 "	Apr. 1, 1933......	40,000 00	
May 1, 1904 R......	3½ " —30 "	May 1, 1934......	47,000 00	
May 1, 1905 R......	3½ " —30 "	May 1, 1935......	50,000 00	$399,000 00

SEWER LOAN. (Separate System of Drainage.)

May 1, 1904, R......	3½ per cent.—30 yrs....	May 1, 1934......	$25,000 00	
May 1, 1905, R......	3½ " —30 "	May 1, 1935......	25,000 00	
May 1, 1906, R......	4 " —30 "	May 1, 1936......	25,000 00	
Sept. 1, 1906, R......	4 " —30 "	Sept. 1, 1936.....	25,000 00	$100,000 00

STREET LOAN.

Aug. 1, 1894 C.....	4 per cent.—20 yrs....	Aug. 1, 1914......	$30,000 00	
Oct. 1, 1895 R......	4 " —20 "	Oct. 1, 1915......	60,000 00	
Oct. 1, 1896 R......	4 " —20 "	Oct. 1, 1916......	137,000 00	
Nov. 1, 1897 R......	3½ " —10 "	Nov. 1, 1907......	11,000 00	
May 2, 1898 R......	3½ " —20 "	May 2, 1918......	15,000 00	
Nov. 1, 1899 R......	3½ " —20 "	Nov. 1, 1919......	5,000 00	
Nov. 1, 1900 R......	3½ " —20 "	Nov. 1, 1920......	21,000 00	
July 1, 1901 R......	3½ " —20 "	July 1, 1921......	54,000 00	
July 1, 1902 R......	3½ " —20 "	July 1, 1922......	30,000 00	
Nov. 1, 1902 R......	3½ " —20 "	Nov. 1, 1922......	14,000 00	
Apr. 1, 1903 R.....	3½ " —20 "	Apr. 1, 1923......	4,000 00	
Nov. 2, 1903 R......	3½ " —20 "	Nov. 2, 1923......	12,000 00	
Sept. 1, 1904 R......	3½ " —20 "	Sept. 1, 1924.....	59,000 00	
Nov. 1, 1904 R......	3½ " —20 "	Nov. 1, 1924......	6,500 00	
May 1, 1905 R......	3½ " —20 "	May 1, 1925......	84,000 00	
Nov. 1, 1905 R......	3½ " —20 "	Nov. 1, 1925......	1,500 00	
May 1, 1906 R. & C.	4 " —20 "	May 1, 1926......	100,000 00	
Aug. 1, 1906 R.....	4 " —20 " ...	Aug. 1, 1926......	22,000 00	$666,000 00

TOTAL FUNDED CITY DEBT $6,657,850 00

Following is a statement of the total Funded Water Debt of the City, with rates of interest thereon: —

Date of Issue.	Rates of Interest.	When Due.	Amount.	Total.
Oct. 1, 1887 R.	4 per cent.—20 yrs.	Oct. 1, 1907	$90,000 00	
Nov. 1, 1887 R.	4 " —20 "	Nov. 1, 1907	22,000 00	
July 1, 1888 C.	4 " —20 "	July 1, 1908	46,000 00	
Aug. 1, 1888 C.	4 " —20 "	Aug. 1, 1908	25,000 00	
July 1, 1889 C.	4 " —20 "	July 1, 1909	20,000 00	
May 1, 1885 R. & C.	4 " —25 "	May 1, 1910	288,000 00	
July 1, 1890 C.	4 " —20 "	July 1, 1910	75,000 00	
Sept. 1, 1890 C.	4 " —20 "	Sept. 1, 1910	125,000 00	
Jan. 1, 1891 C.	4 " —20 "	Jan. 1, 1911	20,000 00	
Oct. 1, 1891 C.	4 " —20 "	Oct. 1, 1911	35,000 00	
Jan. 1, 1892 C.	4 " —20 "	Jan. 1, 1912	150,000 00	
May 2, 1892 C.	4 " —20 "	May 2, 1912	75,000 00	
Nov. 1, 1892 C.	4 " —20 "	Nov. 1, 1912	45,000 00	
Feb. 1, 1893 R.	4 " —20 "	Feb. 1, 1913	100,000 00	
Aug. 1, 1893 R. & C.	4 " —20 "	Aug. 1, 1913	50,000 00	
April 1, 1895 R.	4 " —20 "	April 1, 1915	200,000 00	
Aug. 1, 1895 R.	4 " —20 "	Aug. 1, 1915	200,000 00	
April 1, 1894 C.	4 " —30 "	April 1, 1924	300,000 00	
April 1, 1896 R.	4 " —20 "	April 1, 1916	100,000 00	
July 1, 1896 R.	4 " —20 "	July 1, 1916	200,000 00	
Aug. 1, 1896 R.	4 " —20 "	Aug. 1, 1916	100,000 00	
Oct. 1, 1896 R.	4 " —20 "	Oct. 1, 1916	265,100 00	
April 1, 1897 R.	3½ " —20 "	April 1, 1917	200,000 00	
July 1, 1897 R.	3½ " —20 "	July 1, 1917	100,000 00	
Nov. 1, 1897 R.	3½ " —20 "	Nov. 1, 1917	75,000 00	
Dec. 1, 1897 R.	3½ " —20 "	Dec. 1, 1917	140,000 00	
May 2, 1898 R	3½ " —20 "	May 2, 1918	50,000 00	
June 1, 1898 R.	3½ " —20 "	June 1, 1918	60,000 00	
Nov. 1, 1898 R.	3½ " —20 "	Nov. 1, 1918	50,000 00	
Nov. 1, 1899 R.	3½ " —20 "	Nov. 1, 1919	23,000 00	
Nov. 1, 1900 R.	3½ " —20 "	Nov. 1, 1920	30,000 00	
July 1, 1901 R.	3½ " —20 "	July 1, 1921	30,000 00	
July 1, 1902 R.	3½ " —20 "	July 1, 1922	13,500 00	
Nov. 1, 1902 R.	3½ " —20 "	Nov. 1, 1922	5,000 00	
May 1, 1905 R.	3½ " —20 "	May 1, 1925	46,000 00	
May 1, 1906 R. & C.	4 " —30 "	May 1, 1936	280,000 00	$3,633,600 00

SERIAL LOAN.

May 1, 1905 S.	3½ per cent.— 2 yrs.	May 1, 1907	$12,500 00	
" 1, 1905 S.	3½ " — 3 "	" 1, 1908	12,500 00	
" 1, 1905 S.	3½ " — 4 "	" 1, 1909	12,500 00	
" 1, 1905 S.	3½ " — 5 "	" 1, 1910	12,500 00	
" 1, 1905 S.	3½ " — 6 "	" 1, 1911	12,500 00	
" 1, 1905 S.	3½ " — 7 "	" 1, 1912	12,500 00	
" 1, 1905 S.	3½ " — 8 "	" 1, 1913	12,500 00	
" 1, 1905 S.	3½ " — 9 "	" 1, 1914	12,500 00	
" 1, 1905 S.	3½ " —10 "	" 1, 1915	12,500 00	
" 1, 1905 S.	3½ " —11 "	" 1, 1916	12,500 00	
" 1, 1905 S	3½ " —12 "	" 1, 1917	12,500 00	
" 1, 1905 S.	3½ " —13 "	" 1, 1918	12,500 00	
" 1, 1905 S.	3½ " —14 "	" 1, 1919	12,500 00	
" 1, 1905 S.	3½ " —15 "	" 1, 1920	12,500 00	
" 1, 1905 S.	3½ " —16 "	" 1, 1921	12,500 00	
" 1, 1905 S	3½ " —17 "	" 1, 1922	12,500 00	
" 1, 1905 S.	3½ " —18 "	" 1, 1923	12,500 00	
" 1, 1905 S.	3½ " —19 "	" 1, 1924	12,500 00	
" 1, 1905 S.	3½ " —20 "	" 1, 1925	12,500 00	$237,500 00
				$3,871,100 00

	1905.	1906.	Increase.
Funded Water Debt	$3,646,600 00	$3,871,100 00	$224,500 00
Sinking Fund	1,382,828 84	1,507,749 85	124,921 01
Net Funded Water Debt	$2,263,771 16	$2,363,350 15	$99,578 99

RECAPITULATION.

Amount of funded City Loan upon which interest is at 4 per cent.	$2,415,000 00	
Amount of funded City Loan upon which interest is at 3½ per cent.	4,142,850 00	
Amount of funded City Loan upon which interest is at per cent	100,000 00	
		$6,657,850 00
Amount of Water Loan upon which interest is at 4 per cent.	$2,811,100 00	
Amount of Water Loan upon which interest is at 3½ per cent.	1,060,000 00	
		$3,871,100 00

Temporary loans for the past twelve years, and interest upon the same:—

Year.	Temporary Loan.	Interest paid upon Loan	Year.	Temporary Loan..	Interest paid upon Loan.
1895	$550,000	$6,194 64	1901	$550,000	$6,759 03
1896	786,000	12,344 07	1902	520,000	8,337 76
1897	600,000	6,186 40	1903	701,000	9,388 13
1898	500,000	9,642 86	1904	550,000	8,548 37
1899	550,000	6,968 86	1905	575,000	8,829 92
1900	600,000	9,961 96	1906	413,000	9,314 60

THE TRUST FUNDS

Assumed by the City are held by trustees, and interest is paid upon them at the rate of 6 per cent. annually, as follows:—

Name of Fund.	Amount.	Interest.
Daniel White Charity Fund	$5,000	At 6 per cent. $300
Dowse Institute Fund	10,000	At 6 per cent. 600
Sanders Temperance Fund	10,000	At 6 per cent. 600
	$25,000	$1,500

DANIEL WHITE CHARITY. ($10,360.00.)

Established by Daniel White, of Charlestown, in his lifetime, for the purchase and distribution of fuel among the deserving poor of Cambridge, his native city.

May 15, 1863, he appointed four trustees, with the Mayor of Cambridge, *ex officio*, to hold the fund of $5,000.00, the interest only to be expended The trustees fill any vacancies in their number, in case of death, etc. Ex-Mayor J. Warren Merrill added to this fund a bequest in cash and stocks to the value of $5,360 00, thus making the principal $10,360 00 The present permanent members are George S. Saunders, Lucas B. Grover, Willard A. Bullard and George H. Howard, and the fund is invested by the trustees.

THE DOWSE INSTITUTE. ($10,000.00.)

The executors of Thomas Dowse, under a discretionary power in his will, gave to the City, on June 3, 1858, the sum of ten thousand dollars for an annual course of lectures, the City agreeing to pay to the trustees of said institute interest thereon at the rate of six per cent. per annum. The trustees consist of three permanent members, with the Mayor and the President of the Common Council, for the time being. The original permanent members were appointed by the executors, and the board fills its own vacancies.

THE SANDERS TEMPERANCE FUND. ($10,000.00.)

This sum was given to the City by the will of Charles Sanders, of Cambridge, who died April 7, 1864, for the support of a missionary to promote the cause of temperance The trustees consist of the Mayor, President of the Board of Aldermen and President of the Common Council. The fund is invested in a note of the City, bearing interest payable quarter-yearly.

THE HOPKINS FUND. (£500.)

Edward Hopkins died in London, England, in 1657 or 1658, leaving £500 to be used upon the death of his widow, to aid a college and school in New England. The Court of Chancery gave it to Harvard College and a school in Cambridge. One-fourth of the net income is paid annually to the City for classical instruction in the Latin School. The trustees are a corporation established in Boston.

[CHAPTER 322.]

AN ACT TO PROVIDE FOR THE AUDITING OF CERTAIN TRUST FUNDS AND ACCOUNTS.

Be it enacted, etc., as follows:

SECTION 1. It shall be the duty of city and town auditors at least once every year, and so much oftener as they may deem it necessary, to audit the accounts of the trustees of any property the principal or income of which, in whole or in part, was bequeathed or given in trust for the benefit of the city or town or ny part thereof, or for the benefit of the inhabitants of the city or town or of any part thereof, and to examine and estimate the funds, securities and evidences of property held by such trustees. City and town auditors shall include in their annual reports a report of such auditing and investigation; and if they discover any fraud or irregularity they shall immediately report the same to the mayor and treasurer of the city or to the selectmen and treasurer of the town.

SECTION 2. It shall be the duty of the trustees designated in section one hereof to give city and town auditors free access to their accounts, funds, securities and evidences of property; and any such trustee who refuses to exhibit his trust accounts, funds, securities and evidences as aforesaid shall be subject to a fine of not less than fifty nor more than two hundred dollars.

SECTION 3. This act shall be construed as applying only to property held in trust for public uses. [*Approved May 9, 1904.*]

Under the provisions of the foregoing Act, I hereby certify that I have examined the accounts, vouchers and securities belonging to the Trust Funds held for public uses and find them correct and in excellent condition.

Attest,

HARRY T. UPHAM, *City Auditor.*

CEMETERY FUND FOR PERPETUAL CARE OF LOTS.

Held in trust by the City, comprising sums received from the proprietors of lots in Cambridge Cemetery for the perpetual care of their lots therein. The fund is almost all invested in City of Cambridge registered bonds. First established in 1860.

Amount of Fund, Dec. 1, 1905	$65,314 23	
Received in 1906, from proprietors of lots	5,715 60	
Interest	14 25	
		$71,044 08
Invested as follows, viz:—		
City of Cambridge registered bonds	$70,350 00	
Deposited in Cambridgeport Savings Bank	694 08	
		71,044 08
Interest received during the year ending Nov. 30, 1906 and paid for care of lots		$2,488 19

CEMETERY FUND: DEEDS IN TRUST.

Held in trust by the City, comprising sums received from the proprietors of lots in Cambridge Cemetery for the furtherance of certain trusts mentioned in conveyances of lots to the City in trust.

The fund amounts to $132.00, and was first established in March 11, 1901.

Deposited in Cambridgeport Savings Bank	$132 00

THE BRIDGE CHARITABLE FUND.

Founded by the late Levi Bridge, of Cambridge, in his life time, by a deed of trust dated August 12, 1875, and upon his death (April 15, 1876) the amount of said fund came into the hands of the City. In October, 1877, Mr. Samuel F. Bridge, a relative of the founder, gave a sum sufficient to double the amount. When the fund reached two thousand dollars one-third of the income was to be added to the principal and two-thirds paid over annually to the Overseers of the Poor, to be expended for the deserving poor of Cambridge. The trustees consist of the Mayor, the President of the Board of Aldermen, and the President of the Common Council.

Balance in Bank, Nov. 30, 1905	$5,207 17	
Receipts from interest on fund	82 55	
		$5,289 72
Paid to Overseers of the Poor		2,858 90
Balance in Cambridgeport Savings Bank		$2,430 82

CITIZENS' SUBSCRIPTION FUND. ($5,500.00.)

In 1889, a committee of citizens raised by subscription a fund to enable the trustees to purchase a large number of books at the time the new public library building was opened. The unexpended balance (fifty-five hundred dollars), was invested and the income is used for the same purpose.

Balance in bank, Nov. 30, 1905	$14 85	
Receipts	224 71	
		$239 56
Expenditures		219 60
Balance on deposit		$19 96
The principal is invested in Cambridge Sewer Bonds		5,500 00

CUMMINGS LEGACY. ($2,000.00.)

As provided in the will of Daniel P. Cummings, who died May 3, 1889, the sum of two thousand dollars was paid over to the trustees of the Public Library, the annual income to be expended by said trustees in the purchase of non-sectarian books for the Public Library.

Balance on deposit, Nov. 30, 1905	$ 60	
Receipts	80 00	
		$80 60
Expended		78 25
Balance on deposit		$2 35
The principal is invested in Cambridge Water Bonds		2,000 00

FAY LEGACY. ($1,000.00.)

In accordance with the provisions of the will of Isaac Fay, who died December 29, 1872, the sum of one thousand dollars was paid to the trustees of the Dana Library (now the Cambridge Public Library) for the time being, "which sum shall be safely invested by said trustees, and the income thereof appropriated to the purchase of books for said Library."

Balance on deposit, Nov. 30, 1905	$7 82	
Receipts	35 00	
		$42 82
Expenditures		40 01
Balance on deposit		$2 81
The principal is invested in a Cambridge bond		1,000 00

WILLIAM E. SAUNDERS FUND. ($7,395.59.)

In accordance with the will of Abigail L. Prentiss, the residue, after the termination of certain annuities, was paid to the Trustees of the Cambridge Public Library, the annual income to be used for the purchase of books to be placed in the William E. Saunders alcove, and for the care of the same. This alcove is assigned to books on genealogy.

Balance on deposit, Nov. 30, 1905	$67 10	
Receipts	245 00	
		$312 10
Expenditures		193 39
Balance on deposit		$118 71
The principal is invested as follows, viz:—		
Cambridge Bonds	$7,000 00	
Cambridgeport Savings Bank	395 59	
		$7,395 59

JAMES A. WOOLSON FUND. ($5,000.00.)

By the bequest of James A. Woolson the sum of five thousand dollars was paid to the Trustees of the Cambridge Public Library, the income only to be used for the purchase of books. In each book purchased there is placed an appropriate book-plate.

Balance on deposit, Nov. 30, 1905	$5 34
Receipts	175 00
	$180 34
Expenditures	169 64
Balance on deposit	$10 70
The principal is invested in Cambridge Bonds	5,000 00

SARAH E. RUSSELL FUND. ($814.41)

As provided in the will of Sarah E. Russell, of Cambridge, who died October 6, 1897, the sum of eight hundred fourteen dollars and forty-one cents was paid to the City by the executors of the will, "the income therefrom to be annually expended in or towards providing a Christmas tree or Christmas gifts and entertainments for the inmates at the time of the Cambridge Almhouse." Mrs. Russell was the widow of Hon. Charles Theodore Russell, and the mother of Hon. William E. Russell, both of whom served the City as Mayor.

Amount of deposit in Cambridgeport Savings Bank	$814 41

Interest paid, as per provision of bequest.

SINKING FUNDS.

CAMBRIDGE BRIDGE.

Amount of Fund, Nov. 30, 1905	$36,693 28
Interest accumulations (1906)	1,109 05
Appropriation for 1906	17,333 33
Amount of Fund Nov. 30, 1906	$55,135 66

CAMBRIDGE BRIDGE SPECIAL.

Amount of Fund, Nov. 30, 1905	$616 00
Interest accumulations (1906)	18 62
Appropriation for 1906	616 00
Amount of Fund, Nov. 30, 1906	$1,250 62

HARVARD BRIDGE.

Amount of Fund, Nov. 30, 1905	$178,864 49
Interest accumulations (1906)	5,406 17
Appropriation for 1906	8,800 00
Amount of Fund, Nov. 30, 1906	$193,070 66

HOSPITAL.

Amount of Fund, Nov. 30, 1905	$695 61
Interest accumulations (1906)	21 02
Appropriations for 1906	225 00
Amount of Fund Nov. 30, 1906	$941 63

METROPOLITAN PARK ASSESSMENT.

Amount of Fund Nov. 30, 1905	$3,128 70
Interest accumulations (1906)	94 55
Appropriation for 1906	1,012 00
Amount of Fund Nov. 30, 1906	$4,235 25

PARK.

Amount of Fund Nov. 30, 1905	$214,277 16
Interest accumulations (1906)	6,476 52
Appropriation for 1906	24,120 00
Amount of Fund Nov. 30, 1906	$244,873 68

CLAY LAND.

Amount of Fund Nov. 30, 1905	$46,344 08
Interest accumulations (1906)	1,400 75
Appropriation for 1906	5,335 00
Amount of Fund Nov. 30, 1906	$53,079 83

IMPROVED SEWERAGE.

Amount of Fund Nov. 30, 1905	$31,699 04
Interest accumulations (1906)	958 10
Appropriation for 1906	8,778 00
Amount of Fund Nov. 30, 1906	$41,435 14

SEPARATE SYSTEM OF DRAINAGE.

Amount of Fund Nov. 30, 1905	$550 00
Interest accumulations (1906)	16 62
Appropriation for 1906	1,100 00
Amount of Fund Nov. 30, 1906	$1,666 62

GENERAL.

Amount of Fund Nov. 30, 1905	$332,315 53
Interest accumulations (1906)	13,332 36
Appropriation for 1906	98,962 00
Amount of Fund Nov. 30, 1906	$444,609 89

WATER LOAN SINKING FUND.

Amount of Fund Nov. 30, 1905	$1,382,828 84
Interest accumulations (1906)	41,049 52
Appropriation for 1906	123,247 50
Surplus in Water Maintenance Accounts	3,623 99
	$1,550,749 85

EXPENDED.

For Matured Water Loan bonds	43,000 00
Amount of Fund Nov. 30, 1906	$1,507,749 85

COMMISSIONERS OF SINKING FUNDS.

Amount of Funds, Nov. 30, 1905		$845,183 89

RECEIVED.

From City Treasurer, appropriations for 1906:—		
Cambridge Bridge	$17,333 33	
Cambridge Bridge Special	616 00	
Clay Lands	5,335 00	
General	98,962 00	
Harvard Bridge	8,800 00	
Improved Sewerage	8,778 00	
Separate System of Drainage	1,100 00	
Parks	24,120 00	
Hospital	225 00	
Metropolitan Park Assessment	1,012 00	
		$166,281 33
Interest accumulations		28,833 76
Amount of Fund Nov. 30, 1906		$1,040,298 98

TAXES.

The amount of taxes assessed by the Board of Assessors on the real and personal estates and polls of Cambridge, for the year 1906, was as follows:—

Valuation of real estate	$88,603,000 00
Valuation of personal estate	16,550,235 00
	$105,153,235 00

Assessed at $18.60 per $1,000 gives	$1,955,850 171
26,434 polls at $2	52,868 000
Bank stock (non-residents separately assessed)	4,087 629
	$2,012,805 800

The tax is divided as follows:—		
For City purposes*		$1,590,470 02
County Assessments		112,483 29
Overlay		37,366 531
State Assessments:—		
State charge for non-resident bank stock		4,087 629
State	$113,085 00	
Sewerage	84,895 57	
Parks	45,797 71	
Armory	10,378 35	
Grade Crossings	12,536 94	
Wellington Bridge	977 00	
Alewife Brook	727 76	
		268,398 33
		$2,012,805 80

Increase in real estate valuation	$751,500 00
Increase in personal valuation	556,135 00
	$1,307,635 00
Decrease in number of polls since last year, 262 polls at $2	524 00
Gain in valuation since last year	$1,307,111 00

Number of houses in 1906	13,937.5
Number of horses assessed	4,346
Number of cows assessed	136
Number of swine assessed	31
Number of mules assessed	2
Number of hens assessed	200

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* To meet the City expenses the income from various departments is added to this sum raised by taxation.

POLLS AND VALUATION OF POLLS AND ESTATES, MAY 1, 1904.

Wards.	Polls.	Valuation of Polls.	Personal.	Real Estate.	Total Real and Personal	Dwellings.	Total Tax.
One	1,784	$3,568 00	$1,250,500	$8,519,500	$9,770,000	814	$178,451.00
Two	1,676	3,352 00	374,900	3,088,200	3,463,100	787	65,341.49
Three.. . .	2,968	5,936 00	174,500	3,650,200	3,824,700	1,185	74,398.13
Four.......	3,046	6,092 00	1,742,700	7,210,800	8,953,500	1,359	166,359.65
Five	2,334	4,668 00	2,359,520	7,637,000	9,996,520	1,134 1-2	183,605.708
Six	3,368	6,736 00	1,193,300	10,482,200	11,675,500	1,605	215,727.45
Seven	2,799	5,598 00	1,518,900	7,068,500	8,587,400	1,735 5-8	159,312.46
Eight......	2,312	4,624 00	2,382.600	12,390,100	14,772,700	1,315	269,055.33
Nine.......	1,886	3,772 00	4,685,980	13,970,500	18,656,480	1,436	337,722.992
Ten	1,519	3,038 00	1,190,900	7,523,900	8,714,800	1,093	159,032.92
Eleven	2,276	4,552 00	472,700	5,940,200	6,412,900	1,394 1-2	119,342.91
Totals...	25,968	$51,936 00	$17,346,500	$87,481,100	$104,827,600	13,858 5-8	$1,928,350.040

POLLS AND VALUATION OF POLLS AND ESTATES, MAY 1, 1905.

Wards.	Polls.	Valuation of Polls.	Personal.	Real Estate.	Total Real and Personal	Dwellings.	Total Tax.
One	1,912	$3,824 00	$1,250,400	$8,831,900	$10,082,300	800	$195,387.70
Two	1,632	3,264 00	348,600	3,077,000	3,425,600	782	68,350.40
Three......	2,989	5,978 00	166,200	3,636,700	3,802,900	1,173 1-5	78,233.10
Four	3,017	6,034 00	1,583,085	7,177,700	8,760,785	1,358	172,488.915
Five	2,395	4,790 00	1,530,750	7,682,600	9,213,350	1,167 1-2	179,843.65
Six	3,513	7,026 00	1,082,700	10,592,200	11,674,900	1,601	228,849.10
Seven	2,928	5,856 00	1,587,400	7,076,800	8,664,200	1,745	170,475.80
Eight......	2,371	4,742 00	2,393,300	12,272,500	14,665,800	1,310	283,392.20
Nine.......	1,966	3,932 00	4,470,965	13,953,400	18,424,365	1,449	353,994.935
Ten........	1,569	3,138 00	1,095,400	7,647,600	8,743,000	1,104	169,255.00
Eleven	2,404	4,808 00	485,300	5,903,100	6,388,400	1,403	126,187.60
Totals ...	26,696	$53,392 00	$15,994,100	$87,851,500	$103,845,600	13,892 7-10	$2,026,458.40

POLLS AND VALUATION OF POLLS AND ESTATES, MAY 1, 1906.

Wards.	Polls.	Valuation of Polls.	Personal.	Real Estate.	Total Real and Personal	Dwellings.	Total Tax.
One	1,739	$3,478 00	$1,237,480	$8,952,700	$10,190,180	800	$193,015.348
Two	1,504	3,008 00	338,700	3,086,900	3,425,600	784	66,724.16
Three......	2,893	5,786 00	159,600	3,624,700	3,784,300	1,180	76,173.98
Four	2,986	5,972 00	1,673,600	7,206,400	8,880,000	1,349	171,140.00
Five	2,508	5,016 00	1,432,495	7,835,500	9,267,995	1,161 1-2	177,400.707
Six	3,499	6,998 00	1,260,700	10,892,700	12,153,400	1,610	233,051.24
Seven	2,968	5,936 00	1,635,600	7,104,600	8,740,200	1,758	168,503.72
Eight......	2,372	4,744 00	2,713,300	12,202,200	14,915,500	1,301	282,172.30
Nine.......	1,994	3,988 00	4,523,560	14,096,700	18,620,260	1,467	350,324.836
Ten	1,577	3,154 00	1,190,300	7,674,300	8,864,600	1,117	168,035.56
Eleven	2,394	4,788 00	384,900	5,926,300	6,311,200	1,410	122,176.32
Totals ...	26,434	$52,868 00	$16,550,235	$88,603,000	$105,153,235	13,937 1-2	$2,008,718.171

Statement of the valuations of the personal property and real estate of the City of Cambridge, with the number of polls, dwellings, and rate of taxation for the past seventeen years:—

Year.	Polls.	Personal.	Real Estate.	Total.	Dwellings.	Rate per $1,000.
1890	19,221¾	$15,339,925	$52,235,000	$67,574,925	10,615	$15 60
1891	20,731¼	16,508,770	54,167,914	70,676,684	10,932	15 50
1892	22,013¼	17,687.595	56,668,100	74,355,695	11,359	15 00
1893	22,752	17,511,089	58,782,900	76,293,989	11,768	16 40
1894	22,172	16,658,320	60,877,300	77,535,620	12,262	15 80
1895	22,781	16,607,360	64,303,700	80,911,060	12,305	15 70
1896	23,847	15,914,995	67,835,100	83,750,095	12,723	15 10
1897	24,407	16,302,545	70,339,200	86,641,745	13,217	17 50
1898	24,628	16,642,990	72,908,100	89,551,090	13,473	16 40
1899	24,995	16,991,995	74,550,800	91,542,795	13,588	17 10
1900	25,117	17,865,230	76,600,700	94,465,930	13,713	16 90
1901	25,306	17,648,575	78,568,300	96,216,875	13,846½	16 90
1902	25,680	17,742,985	80,396,900	98,139,885	13,889⅔	18 30
1903	25,749	17,708,510	87,063,400	104,771,910	13,833	16 90
1904	25,968	17,346,500	87,481,100	104,827,600	13,858	17 90
1905	26,696	15,994,100	87,851,500	103,845,600	13,893	19 00
1906	26,434	16,550,235	88,603,000	105,153,235	13,937½	18 60

Abatements upon taxes for the past seventeen years, and amount of tax uncollected December 1, 1906: —

Year.	Total Tax.	Total Abatements.	Amount of Tax uncollected December 1, 1906.
1890	$1,099,741 38	$20,966 82	....
1891	1,143,712 67	21,343 12	....
1892	1,240,186 50	21,636 54	....
1893	1,303,639 84	24,678 10	....
1894	1,278,899 72	26,926 07	....
1895	1,324,613 76	19,427 40	....
1896	1,321,932 65	17,922 54	....
1897	1,574,047 50	22,081 73	....
1898	1,527,863 88	27,566 98	....
1899	1,623,592 35	35,317 61	$21,706 42
1900	1,654,588 36	33,005 90	22,746 70
1901	1,683,690 84	24,390 38	21,597 90
1902	1,854,557 82	30,013 44	22,658 46
1903	1,828,456 95	41,525 33	20,345 37
1904	1,934,772 56	50,088 47	22,287 72
1905	2,031,457 20	48,886 73	33,778 91
1906	2,012,805 80	61,528 79	448,788 96

ABATEMENT CERTIFICATES ALLOWED BY BOARD OF ASSESSORS.

	Real.	Personal.	Polls.	Total.
Taxes of 1900	....	$47 32	....	$47 32
" " 1901	....	69 29	....	69 29
" " 1902	....	507 83	$4 00	511 83
" " 1903	....	535 94	4 00	539 94
" " 1904	$1,249 42	1,949 59	10 00	3,209 01
" " 1905	13,275 00	3,230 85	72 00	16,577 85
" " 1906	20,374 63	11,069 09	352 00	31,795 72
Street Watering	....	....	....	70 58
Moth Assessment	....	....	....	283 25
	$34,899 05	$17,409 91	$442 00	$53,104 79

The valuation of estates in this City, for the years hereinbefore mentioned, are the same as originally made by the Board of Assessors during those years and the same figures were reported by that Board to the Tax Commissioners for each of the years respectively. These valuations were subject to changes in each year, after such report was made, as shown by the following :—

Net valuations of estates in the City of Cambridge, for the past three years, after adding the amounts of all supplementary warrants and deducting therefrom all abatements :—

Year.	Total Valuation.	Abatements.	Net Valuation.
1904	$104,848,700	$2,305,112	$102,543,588
1905	103,953,127	2,256,508	101,696,619
1906	105,201,935	1,690,522	103,511,413
	$314,003,762	$6,252,142	$307,751,620

BORROWING CAPACITY.

The average net valuation of the City of Cambridge for the years 1904, 1905 and 1906	$102,583,873

This last sum represents the amount upon which the limit of the rate of taxation, and also of municipal indebtedness is fixed under the provisions of Chapter 312 of the acts of the year 1885

2½ per cent on same is				$2,564,596 82
The entire City Debt is			$6,657,850	
Of this amount the following loans are not within the legal debt limit, being exempted by the following Acts of the Legislature :—				
Cambridge Bridge Loan.				
Acts of 1898, Chapter 467		$1,450,000 00		
Brookline Bridge Approach.				
Acts of 1898, Chapter 467 Acts of 1904, Chapter 391		25,000 00		
Commercial Avenue Bridge.				
Acts of 1903, Chapter 372		50,000 00		
Cambridge Bridge Special Loan.				
Charles River Dam				
Acts of 1904, Chapter 158		28,000 00		
Clay Land Loan.				
Acts of 1896, Chapter 175		97,000 00		
Harvard Bridge Loan.				
Acts of 1887, Chapter 282 Acts of 1888, Chapter 73 Acts of 1891, Chapter 316		400,000 00		
Park Loan.				
Acts of 1892, Chapter 341 Acts of 1893, Chapter 337 Acts of 1894, Chapter 89 Acts of 1897, Chapter 469 Acts of 1899, Chapter 221		1,509,000 00		
Sewer Loan.				
Acts of 1899, Chapter 189 Acts of 1899, Chapter 473		399,000 00		
Acts of 1903, Chapter 383		100,000 00		
Hospital Loan.				
Acts of 1895, Chapter 99		6,000 00		
Metropolitan Park Assessment Loan.				
Acts of 1902, Chapter 325		46,000 00		
			4,110,000	
			$2,547,850 00	
The entire Sinking Fund is		$1,040,298 98		
Of this amount there should be deducted on account of Exempted Loans as follows :—				
Cambridge Bridge	$55,135 66			
Harvard Bridge	193,070 66			
Amounts carried forward	$248,206 32	$1,040,298 98	$2,547,850 00	$2,564,596 82

Amounts brought forward	$248,206 32	$1,040,298 98	$2,547,850 00	$2,564,596 82
Parks	244,873 68			
Clay Lands	53,079 83			
Improved Sewerage	41,435 14			
Hospital	941 63			
Metropolitan Park Assessment	4,235 25			
Cambridge Bridge Special	1,250 62			
Separate System of Drainage	1,666 62			
		595,689 09		
Net Sinking Fund			444,609 89	
Net City Debt December 1, 1906				2,103,240 11
Borrowing capacity for City purposes December 1, 1906				$461,356 71

ACTS OF 1885, CHAPTER 312.

"AN ACT TO LIMIT MUNICIPAL DEBT OF AND THE RATE OF TAXATION IN CITIES.

"Be it enacted, etc., as follows:—

"SECTION 1. The taxes assessed on property in any city, except the City of Boston, exclusive of State Tax, County Tax and sums required by law to be raised on account of the City Debt, shall not exceed in any year twelve dollars on every one thousand dollars of the average of the assessors' valuations of the taxable property therein for the preceding three years, the valuation being first reduced by the amount of all abatements allowed thereon, previous to the thirty-first day of December in the year preceding said assessment, and any order or appropriation requiring a larger assessment than is herein limited shall be void.

"SECT. 2. The limit of indebtedness of cities shall hereafter be two and one-half per cent. on the average valuation prescribed in Section one of this act."

TAX LEVY.

Average net valuation for 1904, 1905 and 1906	$102,583,873
Assessed at $12 per $1,000 gives	1,231,006

Which is the legal limit of taxation for municipal purposes for 1905, outside of the Sinking Fund requirements, Interest on the Debt and State and County Tax, unless advantage is taken of the following Legislative Act of 1893:—

ACTS OF 1893, CHAPTER 247.

"AN ACT AUTHORIZING ASSESSORS IN CITIES OF LESS THAN ONE HUNDRED THOUSAND INHABITANTS TO USE THE VALUATION OF THE YEAR PRECEDING AS A BASIS OF TAXATION.

"Be it enacted, etc., as follows:—

"SECTION 1. In every city containing less than one hundred thousand inhabitants, the taxes assessed on property, exclusive of State Tax, County Tax and sums required by law to be raised on account of City Debt, shall not exceed in any year twelve dollars on every one thousand dollars of the assessors' valuation of the taxable property therein for the preceding year, said valuation being first reduced by the amount of all abatements allowed thereon previous to the thirty-first day of December in the year preceding said assessment, and any order or appropriation requiring a larger assessment than is herein limited shall be void; but the City Council of any city coming within the provisions of this Act, may in any year decide that the taxes assessed shall be raised in accordance with the provisions of Section one of Chapter three hundred and twelve of the Acts of the year eighteen hundred and eighty-five."

In which case the net valuation for 1906 being	$103,511,413
Assessed at $12 per $1,000 gives	1,242,136

EXPENDITURES OF THE DEPARTMENTS FROM 1900 TO 1906 (INCLUSIVE).

NAME OF DEPARTMENT.	1900	1901	1902	1903	1904	1905	1906
Assessors' Department	$13,498 95	$14,158 06	$13,430 51	$13,806 89	$15,840 02	$15,791 84	$15,150 96
Auditing Department	3,571 13	3,649 85	3,773 65	4,046 72	4,278 75	4,62 50	4,300 00
Board of Survey		269 26	138 93	96 50	174 00	114 18	171 57
Bridge Department—Boston Bridges	17,717 10	17,946 43	42,770 07	17,140 17	16,794 63	15,858 61	17,079 80
Brookline Bridge Approach							21,516 11
Cambridge Bridge	57,652 84	188,986 03	202,095 67	154,129 10	354,442 45	240,227 35	253,126 36
Car Tickets to and from Rifle Range	232 50	295 42	223 24	298 86	299 31	643 49	649 88
Cemetery Department	21,603 34	20,415 24	18,506 45	16,573 12	18,078 82	17,992 08	19,764 45
City Clerk Department	9,042 78	9,113 18	7,566 75	7,594 68	8,234 71	8,425 84	8,699 63
City Council Expenses	1,558 55	1,979 09	1,812 18	5,385 81	4,738 85	8,887 98	6,041 29
City Messenger Department	2,562 75	2,599 92	2,030 45	1,644 24	1,759 31	1,980 00	2,160 89
Postage and Stationery	3,021 32	3,199 56	1,192 09	1,085 11	1,399 63	1,698 44	1,699 96
Civil Service	249 60	249 80	249 95	245 05	244 87	250 00	349 52
Clerk of Committees Department	3,970 47	3,990 23	3,999 02	3,657 87	3,727 50	3,649 94	3,784 19
Contingent Fund	13,466 29	7,522 57	6,496 78	4,545 21			
Celebrations:—							
Independence Day	1,571 19	1,800 00		1,465 44	1,692 40	1,629 63	1,660 79
Labor Day				400 00	400 00	399 84	399 97
Memorial Day	1,100 00	1,100 00	1,100 00	1,100 00	1,100 00	1,100 00	1,100 00
Damage to Persons and Personal Property	7,650 89	3,878 88	3,256 72	3,499 85	1,487 93	1,739 25	2,438 17
Election Expenses:—							
City Clerk	5,333 55	5,699 31	6,224 92	6,380 19	9,693 28	8,857 05	10,199 60
Registrars of voters	3,464 30	3,423 04	3,162 95	3,895 05	4,453 08	4,188 70	4,599 38
Superintendent of Buildings	1,398 71	1,307 60	3,288 68	1,699 68	2,393 75	2,393 27	4,099 59
Electrical Department:—							
Street Lighting	71,998 78	72,775 75	74,249 64	75,176 66	76,787 97	78,578 77	79,426 11
Wire Account	10,575 99	10,499 95	9,998 71	9,494 12	13,460 41	13,403 00	13,222 24
Engineering Department	11,187 79	11,050 64	10,257 33	10,021 03	9,892 54	9,164 38	9,595 31
Executive Department	5,263 48	5,394 49	5,388 00	5,740 92	5,894 15	5,990 00	6,084 74
Fire Department	90,362 64	91,120 04	93,083 78	94,521 98	96,515 55	114,498 01	115,456 32
Land for Engine House				2,815 00			
New Engine House					17,622 54	12,377 13	
Health Department	19,995 57	18,499 95	16,933 81	20,510 27	21,143 36	20,166 69	20,560 98
Land for Hospital					35 00	225 00	
Smallpox Hospital			47,007 68	9,630 89	870 82	848 48	2,790 79
Diphtheria Hospital	7,249 89	20,489 73	9,999 58	8,163 64	8,194 22	8,139 61	8,592 73
Inspection of Milk and Vinegar	1,499 37	1,670 25	1,674 28	1,599 85	1,661 72	2,139 49	1,999 70
Modified Milk							1,338 37
Inspection of Animals	798 05	797 45	777 00	794 25	769 64	773 40	799 19
Purchase of Horses							6,440 00
Interest	191,915 96	198,193 03	214,486 76	227,589 63	230,394 87	236,240 83	239,769 35
Land Damages	15,752 94	14,494 90	35,599 24	29,961 55	6,193 35	8,214 71	5,019 10
Grade Crossings					43,065 00		50 00
Law Department	5,038 59	4,980 89	5,046 01	4,995 00	4,963 17	4,800 00	4,857 31

Overseers of the Poor:—							
City Home	21,624 69	22,434 44	18,961 05	19,276 44	19,293 11	19,986 76	19,738 88
City Home Hospital	.....	.....	.....	.....	.....	1,748 72	1,599 90
Farm	4,963 57	4.992 91	5 266 90	5,012 41	4,957 25	4,977 69	4,974 85
House Offal	26,080 54	27,615 49	28,319 80	30,848 01	31,011 64	33,635 00	33,200 00
Outside Aid	51,986 02	50,086 83	42,699 61	43,147 70	25,363 38	16,746 78	20,722 96
Salary of City Physician	1,500 00	1,500 00	1,500 00	1,500 00	1,500 00	1,500 00	1,500 00
Park Department:—							
Construction and Lands	84,988 52	136,270 29	55,528 94	52,047 05	25,576 13	50,467 17	14,721 78
Baths and Lockers	.....	.....	.....	2,500 00	.....	.....	.....
Maintenance:—							
Bath House	2,817 75	2,370 32	2,291 98	2,193 95	1,696 30	2,271 04	2,299 90
Brown Tail Moth Extermination	.....	.....	4,799 06	3,639 13	6,699 57	11,324 05	13,994 63
Commons, Squares, etc.	4,586 90	5,505 82	5,045 53	4,997 16	4,999 90	4,999 70	6,449 93
Cambridge Field and Shelter	5,713 77	6,110 40	5,111 97	4,499 79	5,399 14	5,999 54	6,189 95
General Account	304 89	736 06	399 28	548 13	599 99	598 80	2,099 96
Sections A, B, D, F and Rindge Field	141 70	282 81	2,434 20	2,979 33	2,699 71	3,499 81	4,747 05
Gymnasium and Shelter, Rindge Field	.....	.....	.....	.....	.....	.....	609 66
Sections G and H	3,206 14	3,713 16	2,941 47	3,280 84	3,298 10	3,499 67	2,499 66
Shade Trees	4,696 38	5,026 87	6,210 56	4,949 81	4,999 70	4,999 23	6,499 55
Plumbers' Examiners	115 00	115 00	.....	86 00	87 80	72 92	148 68
Police Department	123,774 68	128,458 58	131,251 70	134,968 00	143,271 60	152,417 52	156,330 06
Public Library Department:—							
Main Library	18,998 62	18,998 75	17.992 70	17,965 25	18,690 93	20,698 39	21,713 90
East Cambridge Branch	1,268 84	1,319 85	1,346 83	2,395 26	1,799 09	1,879 38	1,890 45
North Cambridge Branch	.....	.....	.....	.....	.....	.....	2,725 45
Addition	.....	3(3 40	28,337 22	987 59	371 79	.....	.....
Public Property:—							
City Buildings	19,407 56	19,950 98	17,328 69	15,725 58	24,650 36	20,746 68	27,895 05
Inspection of Buildings	5,446 70	5,887 56	6,391 99	6,104 73	6,718 96	6,930 69	6,995 86
School Houses	130 033 55	105,103 60	65,684 78	82,420 35	94,329 86	88,929 99	90,497 70
Armory, Beech Street	.....	2,280 00	61 00	97 58	124 81	.....	.....
Washington School	12,815 47	59,003 64	3,275 59	19,137 41	4,698 05	.....	.....
Kelley School	.....	9,576 20	18,958 66	59,980 67	789 87	88 92	.....
Fletcher School	.....	.....	11,257 75	31,025 35	48,973 55	.....	.....
Roberts School	.....	.....	.....	.....	.....	20,857 49	72 38
Houghton School	.....	.....	.....	.....	8,311 75	87,815 26	197 50
Addition to Wellington School House	.....	.....	.....	.....	.....	.....	8,229 29
Addition to Rindge Manual Training School	.....	.....	.....	.....	7,144 98	19,551 01	448 40
Rifle Range	154 05	147 96	341 28	326 73	543 50	606 51	692 07
Voting Booth	.....	.....	395 00	.....	.....	.....	.....
School Department:—							
Care of Truants	1,704 20	1,818 69	1,847 10	1,786 22	2,184 43	1,888 26	1,693 18
Flags	202 00	123 00	99 15	99 28	105 60	71 95	44 85
Incidentals	1,598 96	1,935 70	1,554 35	1,603 93	1,942 32	1,580 16	1,516 54
Salaries	333,191 34	341,684 05	349,986 25	357,291 30	365,035 39	376,264 39	389,048 52
Text Books and Supplies	18,998 90	20,786 75	19,220 94	15,884 86	28,538 27	22,276 20	19,885 63
Transportation of Pupils	.....	.....	300 00	309 00	321 00	368 00	348 00
Vacation Schools	1,996 11	1,885 48	1,016 97	.....	1,957 43	1,679 64	1,801 27

EXPENDITURES OF THE DEPARTMENTS FROM 1900 TO 1906 (INCLUSIVE).

NAME OF DEPARTMENT.	1900	1901	1902	1903	1904	1905	1906
Sealer of Weights and Measures	$1,694 97	$1,963 73	$2,772 22	$2,477 11	$2,274 77	$2,513 18	$2,747 43
Sewer Department:—							
Construction General	15,206 10	9,740 58	7,509 72	27,156 29	49,555 00	19,840 12	14,866 56
Improved Sewerage	73,619 11	76,546 14	61,997 27	47,821 13	35,730 95	55,480 74	5,815 38
Maintenance General	19,755 90	18,928 99	17,495 00	17,999 74	17,520 11	17,652 59	18,602 65
Separate System of Drainage	....	....	....	....	19,551 26	23,195 32	50,744 10
Dredging at Outlet of Bridge Street Sewer	....	....	....	2,672 78	....	....	....
Sinking Fund Officials	365 00	365 00	405 00	405 00	365 00	365 00	341 00
Sinking Fund	151,324 00	158,851 83	158,841 83	156,510 42	157,397 58	161,407 17	166,281 33
State Aid	25,413 88	25,410 73	25,493 24	24,993 30	25,657 32	26,846 05	27,278 39
Street Department:—							
Bridges	2,462 28	3,399 46	3,500 00	3,200 00	3,097 77	5,897 86	4,319 32
Cleaning Streets	34,499 79	29,999 64	30,033 25	34,995 63	48,998 50	47,496 02	39,949 48
Collection of Ashes	27,999 94	28,829 82	28,999 44	28,797 78	32,096 98	32,499 23	33,686 46
Construction	1,365 61	14,015 25	33,343 21	3,272 35	46,250 65	59,257 67	103,022 59
Maintenance	81,624 20	73 269 17	70,314 76	69,077 82	74,230 47	74,477 86	75,366 97
Paving, Edgestones and Sidewalks	24,998 42	24,999 90	24,999 95	29,998 82	34,999 00	29,996 35	29,997 49
Crossings and Repairs	9,999 72	9,999 48	9,997 85	10,000 00	4,997 31	1,484 01	9,535 78
Rebuilding Streets	73,010 26	76,700 20	40,368 03	14,317 30	56,467 84	52,394 28	39,292 45
Watering Streets	26,000 00	26,683 84	28,998 73	27,902 12	28,000 00	28,000 00	28,558 14
Treasury Department	15,478 14	15,596 05	15,378 85	14,943 23	16,045 63	17,456 67	16,699 01
Water Department:—							
Construction General	16,999 60	31,698 71	16,999 14	8,429 25	13,600 99	14,541 14	19,790 27
Meters	....	....	9,996 85	2,212 51	3,999 12	4,343 51	394 77
Construction Fresh Pond	55 25	....	....	....	....	....	....
Hobbs' Brook Account:—							
General	2,585 65	....	3,482 83	189 61	76 84	63 22	....
Land Settlements	....	....	1,964 77	11,540 00	221 00	1,628 10	....
Services of City Solicitor	500 00	500 00	500 00	500 00	500 00	500 00	1,000 00
Stony Brook Main and Hobbs' Brook Conduit	....	....	....	3,482 18	3,454 03	230,156 60	297,275 72
Maintenance	47,708 93	37,316 75	32,694 65	30,053 38	37,137 00	36,320 30	35,801 14
Metropolitan Water	....	....	....	....	14,000 00	28,458 50	....
Pumping	20,709 48	15,071 54	16,200 00	20,704 71	17,298 19	15,060 92	19,867 37
Payson Park Reservoir	....	819 54	830 32	801 81	784 33	1,483 09	849 30
Hobbs' Brook Reservoir	....	1,637 58	1,499 01	1,203 07	1,468 64	1,756 71	1,484 13
Fresh Pond Reservoir	....	20,471 60	8,232 79	5,840 70	9,996 93	11,799 28	9,110 92
Fresh Pond Grading	....	....	....	....	12,500 00	4,285 50	1,928 02
Stony Brook Reservoir	1,507 58	2,722 17	2,842 10	4,025 28	2,999 96	2,195 21	2,392 88
Ice for Fountains	....	447 11	461 47	460 56	460 35	484 29	649 55
Interest	127,179 00	127,109 00	129,579 00	128,806 50	126,126 50	135,506 50	143,827 75
Serial Loan	....	....	....	....	....	....	12,500 00
Sinking Fund	125,089 12	122,352 80	123,000 29	123,145 78	121,522 50	121,522 50	126,871 49
Rates, Fines, Supplies, Abatements	5,130 62	3,793 75	3,985 63	3,756 45	3,917 88	2,885 33	3,198 65

Refunds	2,941 95	2,405 28	3,000 00	3,169 06	3,373 75	1,879 07	1,511 72
Rents	3,200 00	1,200 00	1,200 00	1,200 00	1,200 00	1,200 00	1,500 00
	$2,421,046 66	$2,690,420 77	$2,620,896 33	$2,545,380 84	$2,915,257 01	$3,118,892 70	$3,116,106 00
Taxes:—							
Abatements	33,005 90	24,390 38	33,047 28	41,525 33	55,368 54	48,866 73	61,528 79
Armory			4,154 46	9,766 68	10,445 68	10,348 61	10,378 35
County	85,997 56	100,429 89	100,184 86	104,400 56	109,201 21	106,119 75	112,483 29
Excise Tax Refunds							278 43
Grade Crossings					7,977 69	9,330 14	12,536 94
Lien Account						316 15	3,995 10
Liquor License						15 00	13 75
Metropolitan Park			96,478 96	34,541 40	38,064 53	39,570 87	47,502 47
Metropolitan Sewer	73,018 92	72,344 93	78,252 17	79,836 65	86,891 58	89,341 00	84,895 57
National Bank	7,167 54	6,935 25	7,802 80	6,740 92	6,650 66	4,459 99	4,351 35
State	48,195 00	55,790 00	47,820 00	79,700 00	80,775 00	129,240 00	113,085 00
	$2,668,431 58	$2,950,311 22	$2,988,636 86	$2,901,892 38	$3,310,631 90	$3,556,500 94	$3,567,155 04

EXPENDED FOR SALARIES, CLERICAL ASSISTANCE AND LABOR.

NAME OF DEPARTMENT.	1900	1901	1902	1903	1904	1905	1906
Assessors' Department	$12,363 87	$12,775 83	$12,170 95	$12,307 19	$13,249 95	$13,244 88	$13,499 59
Auditing	3,145 00	3,154 38	3,273 65	3,746 72	3,878 75	3,812 50	3,900 00
Board of Survey		83 33	33 33	75 00	75 00	75 00	75 00
Boston Bridges	8,757 94	9,659 16	10,002 76	10,438 49	10,651 52	9,873 78	8,691 43
Cambridge Bridge	8,124 01	11,789 12	12,423 70	13,321 38	13,180 24	11,977 04	10,333 00
Cambridge Bridge Approach						16,045 77	8,542 50
Cemetery Department	14,921 78	15,650 67	15,008 22	13,973 92	14,901 60	15,692 91	16,554 60
City Clerk's Department	6,269 91	6,298 50	6,007 06	5,995 25	6,331 45	6,526 69	6,739 14
City Council Expenses	583 30	600 00	600 00	600 00	600 00	600 00	600 00
City Messenger's Department	2,200 67	2,303 33	1,733 31	1,372 00	1,559 31	1,780 00	1,836 00
Civil Service Department	200 00	200 00	200 00	200 00	200 00	200 00	299 97
Clerk of Committees' Department	3,600 00	3,600 00	3,600 00	3,362 94	3,333 00	3,300 00	3,434 25
Election Expenses, City Clerk	3,459 50	3,721 75	3,482 75	3,401 64	6,185 50	5,302 20	6,064 34
" " Registrars of Voters	2,391 20	2,478 75	2,582 00	1,957 64	3,062 50	2,943 30	3,162 16
Electrical Department, Street Lighting	1,000 00	1,000 00	1,000 00	1,000 00	1,000 00	1,000 00	1,000 00
" " Wire Account	7,455 52	7,104 07	7,079 50	6,494 41	7,622 00	8,103 00	8,722 25
Engineering Department	10,002 80	9,869 02	9,251 96	9,154 66	8,719 57	8,285 94	8,764 35
Assessors' Plans	278 18	300 00	229 35	176 62	267 62	298 79	251 40
Executive Department	4,797 50	4,860 17	4,864 00	5,362 08	5,480 00	5,490 00	5,485 00
Fire Department	74,637 89	76,189 49	77,554 51	78,425 98	78,462 67	88,498 13	95,457 05
Health Department	9,641 53	9,552 50	11,944 78	11,956 85	12,506 79	12,630 00	12,873 69
Diphtheria Hospital	3,947 61	7,644 02	6,298 84	5,425 11	5,316 36	5,483 57	5,456 43
Small-pox Hospital			7,678 25	1,673 51	784 27	782 13	259 29
Inspector of Milk and Vinegar	1,320 00	1,320 00	1,343 31	1,334 65	1,363 50	1,570 66	1,738 84
Inspector of Animals	700 00	700 00	700 00	700 00	700 00	700 00	700 00
Law Department	4,106 00	4,067 20	4,347 50	4,295 00	4,095 15	4,225 96	4,259 00
Overseers of the Poor:—							
City Home	7,352 73	8,131 53	7,466 77	7,285 91	7,293 11	7,736 76	7,738 88
City Home Hospital						420 25	953 83
Farm	3,921 60	4,341 90	4,574 23	4,212 55	4,157 25	4,102 78	3,999 85
House Offal	21,927 15	22,926 39	23,179 50	24,169 50	24,511 64	26,936 62	26,775 00
Outside Aid	4,152 17	4,149 16	3,684 25	3,178 78	2,755 00	2,748 75	2,742 50
City Physician	1,500 00	1,500 00	1,500 00	1,500 00	1,500 00	1,500 00	1,500 00
Park Department	37,863 92	35,248 58	38,341 81	35,431 71	35,207 32	61,013 91	42,698 52
Police Department	118,049 77	122,353 52	125,336 19	128,574 59	136,285 36	145,917 52	149,107 37
Public Library	8,959 32	9,107 45	9,544 01	9,317 23	8,943 08	9,699 08	10,584 75
E. Cambridge Branch	779 00	824 81	927 66	850 69	756 64	849 60	891 30
No. Cambridge Branch							321 46
Public Property:—							
City Buildings	10,214 80	10,478 01	10,699 90	8,727 46	8,871 67	9,255 59	9,895 98
Inspector of Buildings	4,443 15	5,012 20	5,500 00	5,400 96	5,819 25	6,031 00	6,170 75
School Houses	32,981 84	34,226 45	33,881 88	34,999 25	36,739 11	37,459 55	40,497 75
School Department, Salaries of Teachers and Officers	333,191 34	341,684 05	349,986 25	357,291 30	365,035 39	376,264 39	389,048 52

Vacation Schools	1,626 00	1,563 00	865 00	....	1,836 67	1,495 00	....
Incidentals	425 00	425 00	425 00	425 00	425 00	425 00	425 00
Sealer of Weights and Measures	1,347 12	1,404 89	1,787 25	1,849 62	1,832 50	2,063 18	2,262 52
Sewer Department	59,292 35	59,858 30	54,920 53	61,583 97	78,151 65	79,478 53	62,465 03
Sinking Fund Officials	325 00	325 00	325 00	325 00	325 00	325 00	325 00
State Aid	900 00	1,099 99	1,100 01	633 97	530 50	500 00	500 00
Street Department	130,586 19	144,406 79	145,189 69	138,071 32	173,721 44	171,780 29	179,382 11
Street Sprinkling Contracts	21,265 65	21,858 10	24,299 68	19,011 38	23,353 55	23,742 15	23,536 98
Treasury Department	10,542 26	10,483 76	10,359 33	9,949 00	10,195 63	10,762 52	10,699 01
Water Department	49,918 97	59,487 51	56,076 11	47,428 09	57,737 02	199,401 28	247,529 98
	$1,045,469 54	$1,095,817 68	$1,113,379 78	$1,096,968 32	$1,189,510 53	$1,408,351 00	$1,448,751 37

TABLE OF EXPENDITURES OF THE DIFFERENT DEPARTMENTS (CONSOLIDATED) FROM 1897 TO 1906, INCLUSIVE.

NAMES OF DEPARTMENTS.	Expended in 1897.	Expended in 1898.	Expended in 1899.	Expended in 1900.	Expended in 1901.	Expended in 1902.	Expended in 1903.	Expended in 1904.	Expended in 1905.	Expended in 1906.
Assessors' Department.........	$13,077 44	$13,552 25	$13,489 10	$13,498 95	$14,158 06	$13,430 51	$13,983 51	$16,107 64	$15,791 84	$15,150 96
Auditing Department...........	3,511 12	3,489 04	3,470 88	3,571 13	3,649 85	3,773 65	4,046 72	4,278 75	4,162 50	4,300 00
Cemetery Department..........	19,846 77	19,832 66	19,910 23	21,603 34	20,415 24	18,506 45	16,573 12	18,078 82	17,992 08	19,764 45
City Clerk Department	7,193 53	7,759 82	7,875 84	9,042 78	9,113 18	7,566 75	7,594 68	8,234 71	8,425 84	8,699 63
City Messenger Department....	2,799 51	2,859 04	2,555 94	2,562 75	2,599 92	3,222 54	2,729 35	3,158 94	3,678 44	3,860 85
Civil Service Department.......	248 07	248 85	247 05	249 60	249 80	249 95	245 05	244 87	250 00	349 52
Clerk of Committees' Departm't	3,946 56	3,972 39	3,968 90	3,970 47	3,990 23	3,999 02	3,657 87	3,727 50	3,649 94	3,784 19
Contingent Fund................	7,966 46	11,064 33	13,099 91	25,944 42	16,940 96	13,293 92	17,100 17	9,419 18	15,702 85	10,836 18
Election Expenses..............	9,943 08	10,861 47	9,948 85	10,196 56	10,429 95	12,676 55	11,974 92	6,540 11	15,439 02	18,898 57
Engineering Department.......	12,969 29	11,147 34	11,224 85	11,187 79	11,050 64	10,257 33	9,844 41	9,624 92	9,164 38	9,595 31
Executive Department	5,299 35	5,184 26	5,182 88	5,263 48	5,394 49	5,388 00	5,740 92	5,894 15	5,990 00	6,084 74
Fire Department	78,687 13	80,152 89	84,900 23	90,362 64	91,120 04	93,083 78	97,336 98	96,515 55	126,875 14	115,456 32
Health Department.............	17,059 35	17,496 64	19,754 04	27,245 46	38,989 68	73,941 07	38,304 80	30,243 40	29,379 78	31,944 50
Inspection of Milk and Vinegar	1,583 90	1,499 56	1,500 00	1,499 37	1,670 25	1,674 28	1,599 85	1,661 72	2,139 49	3,338 07
Inspection of Animals.........	796 19	798 12	793 60	798 05	797 45	777 00	794 25	769 64	773 40	799 19
Inspection of Wires	10,699 98	11,197 60	14,499 98	10,575 99	10,499 95	9,998 71	9,494 12	13,460 41	13,403 00	13,222 24
Interest	134,396 40	135,795 18	139,432 86	150,015 96	153,313 03	164,606 76	227,589 63	230,394 87	236,240 83	239,769 35
Lamp Department..............	69,264 96	69,182 20	71,980 42	71,998 78	72,775 75	74,249 64	75,176 66	76,787 97	78,578 77	79,426 11
Law Department	5,189 88	5,192 65	5,632 35	5,038 59	4,980 89	5,046 01	4,995 00	4,963 17	4,800 00	4,857 31
Overseers of the Poor Dept	106,373 80	103,983 80	104,845 15	106,154 82	106,629 67	96,747 36	99,784 56	82,125 38	78,594 95	81,736 59
Park Department...............	211,783 90	217,188 89	175,065 82	165,856 05	226,104 06	157,184 66	81,635 19	55,968 54	87,659 01	60,112 07
Plumbers Examiners' Dept.....	116 40	111 50	98 75	115 00	115 00	....	86 00	87 80	72 92	148 68
Police Department..............	113,550 42	116,762 59	116,998 35	123,774 68	128,458 58	131,251 70	134,968 00	143,271 60	152,417 52	164,646 56
Public Library............	19,823 36	20,078 38	21,224 67	20,267 46	20,622 00	47,676 75	21,348 10	20,861 81	22,577 77	26,329 80
Public Property	222,216 56	258,628 93	332,503 41	167,857 33	201,949 94	123,694 74	214,818 40	214,207 54	244,920 04	126,019 68
School Department	282,400 45	295,673 51	335,372 89	357,691 51	368,233 67	374,024 76	376,974 59	400,084 44	404,134 60	414,337 99
Sealer of Weights and Measures	1,619 73	1,598 46	1,644 02	1,694 97	1,963 73	2,772 22	2,477 11	2,274 77	2,513 18	2,747 43
Sewer Department......	64,231 45	52,828 90	84,996 28	108,581 11	105,215 71	87,001 99	95,649 94	122,357 32	116,168 77	90,028 69
Sinking Fund....................	104,725 00	111,937 50	118,750 00	133,824 00	137.643 50	136,300 16	156,510 42	157,397 58	161,407 17	166,281 33
State Aid........	23,491 36	28,751 62	27,218 27	25,413 88	25,410 73	25,493 24	24,993 30	25,657 32	26,846 05	27,278 39
Stationery and Printing	2,847 32	2,869 03	2,983 88	3,021 32	3,199 56	....	....	....	....	....
Street Dept.(Roads and Bridges)	412,986 18	249,167 53	326,637 84	373,083 10	509,593 38	551,159 13	422,889 14	749,807 95	595,948 13	663,159 79
Treasury Department	14,415 54	14,282 77	14,699 53	15,478 14	15,596 05	15,378 85	14,943 23	16,410 63	17,456 67	17,040 01
Water Works Department......	794,197 98	634,583 00	367,048 88	353,607 18	367,545 83	356,468 85	349,520 85	374,638 01	616,069 77	679,953 68
Taxes: —Abatements...........	22,081 73	27,566 98	35,317 61	33,005 90	24,390 38	33,047 28	41,525 33	55,368 54	48,866 73	61,528 79
Armory	....	....	....	......	....	4,154 46	9,766 68	10,445 68	10,348 61	10,378 35
County................	73,887 84	79,914 80	87,085 65	85,997 56	100,429 89	100,184 86	104,400 56	109,201 21	106,119 75	112,483 29
Grade Crossings......	.. ..	....	....	....	....	....	....	7,977 69	9,330 14	12,536 94
Metropolitan Park....	....	....	....	....	....	96,478 96	34,541 40	38,064 53	39,570 87	47,502 47
Metropolitan Sewer...	137,297 30	56,818 94	74,763 08	73,018 92	72,344 93	78,252 17	79,836 65	86,891 58	89,341 00	84,895 57
National Bank	7,995 91	7,459 91	7,681 26	7,167 54	6,935 25	7,802 80	6,740 92	6,650 66	4,459 99	4,351 35
State	54,600 00	48,195 00	48,195 00	48,195 00	55,790 00	47,820 00	79,700 00	80,775 00	129,240 00	113,085 00
Total	$3,075,103 20	$2,739,688 33	$2,712,598 25	$2,668,431 58	$2,950,311 22	$2,988,636 86	$2,901,892 38	$3,310,631 90	$3,556,500 94	$3,556,719 94

COMPARATIVE STATEMENT BY DECADES FROM 1855 TO 1905.

	1855	1865	1875	1885	1895	1905
Population ...	20,637	29,112	47,838	59,660	81,643	97,426
Valuation	$15,437,100 00	$26,085,909 00	$66,623,014 00	$55,346.555 00	$80,911,060 00	$103,845,000 00
City Tax	100,604 53	267,708 60	1,060,396 52	804,800 00	1,103,455 30	1,973,066 40
County Tax ..	10,137 78	18,280 99	37,580 73	29,381 54	73,887 84	106,119 75
State Tax	5,190 00	118,487 00	58,880 00	44,835 00	46,800 00	129,240 00
Tax rate per $1,000	7 10	15 00	17 00	15 50	15 70	19 00
Total Expenditures	173,533 58	536,911 82	2,605,267 74	2,354,298 69	3,686,702 54	4,357,233 07
City Debt	146,600 00	833,092 00	4,106,843 21	2,361,396 50	3,913,634 23	6,178,850 00
Expenditures by Depts.:—						
Bridges	890 31	9,007 77	39,068 39	11,829 77	16,297 33	21,756 47
Cemeteries.	6,553 67	16,742 29	19,438 66	80,399 22	16,999 40	17,992 08
Fire Dept...	9,623 70	21,958 74	89,949 99	59,341 15	104,898 59	114,498 01
Lighting Sts	2,987 32	9,062 24	20,919 04	32,269 07	69,926 61	78,578 77
PauperDept	8,520 41	21,481 52	79,719 54	56,338 24	100,841 33	78,594 95
Police Dept.	4,499 56	22,833 14	71,093 35	78,357 73	110,784 22	152,417 52
Public Lib'y	....	1,111 77	6,040 04	6,643 51	21,034 83	22,577 77
Schools	32,169 16	81,842 47	258,985 15	227,511 77	362,353 79	493,064 59
Sewers	4,610 68	3,683 07	135,432 28	40,945 40	149,459 89	205,509 77
Streets	14,554 73	35,638 38	155,476 90	148,088 65	252,154 62	333,850 13
Water W'ks	....	20,327 79	234,431 03	485,691 04	758,054 81	616,069 77

SCHEDULE B

No. IX

LIST OF CITY PROPERTY

AS FURNISHED BY

EXECUTIVE BOARDS AND HEADS OF DEPARTMENTS

IN

1906

LAW DEPARTMENT.

Two roll top desks	$40 00	
Two chairs	5 00	
Two revolving book shelves	10 00	
One filing cabinet	10 00	
One Caligraph typewriter	15 00	
A few law books and stationery	25 00	
One Smith Premier typewriter	95 00	
		$200 00

PUBLIC PROPERTY DEPARTMENT.

CITY BUILDINGS.

	Feet of Land.	Purchase of Land.	Erection of Buildings.	Valuation of Land.	Valuation of Buildings.	Valuation of Furniture.
City Hall	47,878	1888	1888	$72,000	$200,800	$29,800
Brattle Sq. Bldg.	16,153	1873	1874	16,000	62,000	2,500
Central Sq. Bldg.	13,028	1872	1873	10,500	50,000	2,436
Station 3	4,220	1862	1870	2,100	20,000	800
Station 4	6,316	1872	1873	3,700	14,300	300
				$104,300	$347,100	$35,836

Voting booth, corner Cambridge and Hampshire Sts.	$500 00	
Three portable voting booths	1,100 00	
Voting compartments and fixtures (500)	2,500 00	
		$4,100 00

OLD MATERIAL IN STORE HOUSE.

Plumbers' materials	$100 00	
Old doors	10 00	
Davidson steam pump (at R. M. T. S.)	100 00	
Desks, chairs and irons	500 00	
		$710 00

PERSONAL PROPERTY.

1 horse	$130 00	
3 robes	32 00	
1 wagon	100 00	
Top buggy	150 00	
Sleigh	35 00	
		$447 00

POLICE DEPARTMENT.

PERSONAL PROPERTY.

150 badges	$100 00	2 bureaus	$3 00
125 belts	143 75	75 chairs	95 00
125 short billies	62 50	200 copies police rules	75 00
10 bedsteads	50 00	14 desks	260 00
Bedding and blankets	50 00	1 easy chair "Matron's"	10 00
1 couch	10 00	4 horses	400 00
1 buggy	50 00	6 harnesses	180 00
5 clocks	25 00	4 halters	1 00

1 hat rack	$3 00
14 ink stands	7 00
30 lanterns	15 00
8 mirrors	16 00
3 maps	15 00
10 rugs	30 00
12 pairs handcuffs	36 00
1 police van	200 00
3 signal systems	10,000 00
4 bicycles	75 00
1 patrol wagon (old)	50 00
3 patrol wagons	1,000 00
120 revolvers	480 00
3 robes, carriage	10 00
1 rogues' gallery	150 00
2 safes	100 00
8 spittoons	2 00
1 sleigh	25 00
1 stove	8 00

2 straps and weight	$1 00
1 telephone line	300 00
3 thermometers	2 00
40 tin dippers	8 00
1 typewriter and desk	140 00
2 umbrella stands	2 00
1 wagon van (old)	25 00
8 waste baskets	3 00
4 water coolers	20 00
Operating table and chair	37 50
3 medicine cabinets	75 00
2 wardrobes	15 00
2 wagon jacks	2 00
	$14,367 75
1 ambulance	200 00
	$14,567 75

FIRE DEPARTMENT.

REAL ESTATE.

Buildings.	Location.	Land Purchased.	Erection of Buildings.	Land, Sq. Feet.	Assessed Value.	
					Land.	Building.
Engine House No. 1 Ladder House No. I	108 Mt. Auburn St. Eliot Square......	.		In City	building	schedule.
Engine House No. 2 Ladder House No. 3	384-394 Mass. Av.	Owned by City.	1893	10,000	$8,000	$26,000
Engine House No. 3	35 Third St........	1895	1895	10,100	5,500	17,500
Engine House No. 4	2029 Mass. Av.....	1896	1896	9,532	6,000	23,000
Engine House No. 5	Inman Square. ...	1874	1874	6,000	5,000	10,000
Engine House No. 6	176 River St.......	1890	1890-1891	4,994	2,500	12,000
Engine House No. 7	350 Main St.......	Owned by City.	1894-1895	9,400	7,300	12,000
Chemical Engine House No. 1.....	5 Western Ave....	....	....	In City	building	schedule.
Chemical Engine House No. 2......	167 Lexington Av.	1893	1894	15,262	4,000	16,000
Ladder House No. 2	276 Portland St....	Owned by City.	1887	11,931	3,000	12,000
Engine House No. 8	Junction of Sherman and Garden St.	1903	1904-1905	10,380	2,500	30,000
					$43,800	$158,500

PERSONAL PROPERTY

ESTIMATED VALUE OF.

Apparatus, hose, etc.	$66,100 00	
Bedding and furniture	4,505 00	
Hardware and tools	775 00	
Horses and harnesses	11,400 00	
Miscellaneous	1,100 00	
		$83,880 00

FIRE ALARM AND POLICE TELEGRAPH.

ELECTRICAL DEPARTMENT, WIRE ACCOUNT.

EQUIPMENT.

Fire Alarm apparatus and machinery	$11,300 00	
Fire Alarm and Police Telegraph Circuits	5,500 00	
106 Fire Alarm boxes	7,460 00	
Police Signal apparatus and machinery	3,000 00	
80 Police boxes	8,000 00	
Police Signal reserve apparatus	150 00	
Testing instruments	450 00	
Tools	250 00	
Stock on hand	980 00	
Old and disused apparatus	250 00	
Horses, wagons and harnesses	450 00	
Building in Cushing School yard	400 00	
		$38,190 00

HEALTH DEPARTMENT.

REAL ESTATE.

Number.	Street.	Houses.	Sheds.	Value of Buildings.	Value of Land.	Total Value.	Area sq. feet.	REMARKS.
59	Reservoir	1	....	$3,600	$8,300	$11,900	16,624	Taken by Board of Health, Nov. 2, 1899
47	New......	1	1	600	600	1,200	10,800	" " " " " Nov. 21, 1901
51	New......	...	...	....	900	900	13,980	" " " " " Oct. 25, 1901 Mch. 24, 1902
67	New.. ...	...	....	....	300	300	6,140	" " " " " Feb. 8, and Mch. 24, 1902
				$4,200	$10,100	$14,300		

PERSONAL PROPERTY.

Laboratory furnishings		$268 00
Office furniture :—		
3 desks	$115 00	
1 revolving book case	10 00	
4 cabinets	19 00	
12 letter files	6 00	
		150 00
Dictionary		5 00
Stationery and sundries		20 00
Typewriter		100 00
3 atlases		50 00
Horse		165 00
1 ambulance		585 00
Amount carried forward		$1,343 00

Amount brought forward	$1,343 00	
1 Beverly wagon	175 00	
1 van	100 00	
3 sets of harness	125 00	
Blankets and horse covers	20 00	
16 disinfecting lamps	100 00	
		$1,863 00
At Diphtheria Hospital:—		
Medical and surgical supplies	$203 57	
Furnishings and general supplies	953 18	
		1,156 75
Total		3,019 75

INSPECTOR OF MILK AND VINEGAR DEPARTMENT.

PERSONAL PROPERTY.

16 platinum dishes		$286 72	
1 cream seal		7 50	
1 drying oven		6 00	
1 Zeiss Refractometer		75 00	
Chemicals and glassware		25 00	
Water bath		22 00	
Electric Centrifuge		60 00	
Polariscope		55 00	
Analytical balance and weights		60 00	
Muffle furnace		5 00	
Busner stand		15 00	
Office furniture		50 00	
Discarded apparatus		20 00	
1 high speed Centrifuge		43 50	
1 autoclave and fittings		115 00	
1 milk collecting outfit		15 00	
Apparatus for plating bacteria:—			
6 tube holders	$6 00		
1 bath for melting agar	2 00		
1 bath, water jacketed for melting agar	5 00		
2 racks for test tubes	3 00		
2 Petri dish holders	2 00		
		18 00	
Petri dishes and glassware:—			
12 doz. pipettes	$10 00		
6 doz. Petri dishes	6 50		
6 doz. Petri covers	3 50		
Counting glass	1 00		
		21 00	
Immersion Refractometer		100 00	
			$969 72

THE MODIFIED MILK ENTERPRISE.

9 stock pots	$19 52	
30 galvanized iron racks	97 73	
28 wooden cases	20 59	
5 baby-scales	10 85	
2 gas stoves	4 50	
3 boilers	13 50	
1 bottle filler	26 85	
7 tables	7 00	
Stoppers and bottles	86 40	
Index cards	3 00	
1,000 pamphlets	16 45	
Signs	10 00	
Barrel	1 75	
		$318 14

CAMBRIDGE CEMETERY.

37.64 acres of land	$60,000 00	
One house	2,500 00	
Personal property	2,657 72	
Total		$65,157 72

SEALER OF WEIGHTS AND MEASURES DEPARTMENT.

INVENTORY OF PROPERTY.

STANDARDS FURNISHED BY COMMONWEALTH.

1 balance, 5 grains to 100 lbs.
1 set (5) avoirdupois weights, 50, 25, 20, 10, 5 lbs.
1 set (11) avoirdupois weights, 4 lbs. to 1-16 oz.
1 kilogramme in case.
1 steel meter in case.
1 brass yard measure.
1 set (5) iron dry measures, ½ bushel to 1 quart.
1 set (6) iron liquid measures, 1 gallon to 1 gill.

Office furniture	$200 00
1 horse	200 00
1 express wagon	100 00
1 light wagon	75 00
1 pung	23 00
2 harnesses	70 00
1 plush robe	1 00
1 stable blanket	2 00
1 rain blanket	2 00
1 woolen blanket	5 00
1 halter	75
1 hitch weight	50
1 wagon scale at Lechmere Square	400 00
1 wagon scale at Union Square	350 00
1 platform scale, 1-2 lb. to 2,500 lbs.	75 00
1 folding platform scale, 1-4 lb. to 600 lbs	30 00
Amount carried forward	$1,534 25

Amount brought forward	$1,534 25	
1 spring scale, 1 lb. to 125 lbs.	1 00	
1 balance, 1-10 milligramme to 500 grammes	35 00	
1 balance, 1-50 grain to 8 oz.	15 00	
1 sealers' balance, 1 grain to 8 lbs.	50 00	
2 sealers' trip scales (not used)	5 00	
2 sets avoirdupois weights (19), 4 lbs. to 1-8 oz.	10 00	
1 set troy weights (9), 16 oz. to 1-8 oz.	3 00	
1 set metric weights (13), 1 kilo to 1 gramme	5 00	
5 boxes miscellaneous weights (not standardized)	10 00	
1 set iron weights (3), 25, 10, 5 lbs.	5 00	
40 50-lb weights	100 00	
3 glass graduates	1 00	
1 set copper dry measures (5), 1-2 bushel to 1 quart	45 00	
1 set brass dry measures (3), 1 quart to 1-2 pint	5 00	
2 sets copper liquid measures (14), 1 gallon to 1 gill	30 00	
1 steel surveyor's tape	10 00	
1 iron truck	5 00	
Miscellaneous tools	50 00	
1 branding furnace	5 00	
1 set brands	3 00	
2 sets weights of precision	27 00	
1-5 gallon measure	15 00	
Inside caliper	3 00	
1 yard measure	1 50	
		$1,973 75

CITY HOME ESTATE.

Thirty-two (32) acres land bought Aug. 7, 1849.

Present City Home completed and placed under the care of the Overseers of the Poor, April 3, 1851.

Land cost	$12,000 00	
City Home cost	32,970 69	
Fences, furniture, etc., cost	3,000 00	
Total		$47,970 69
Hospital cottage on City Home grounds built in 1886, moved and rebuilt in 1901, cost		2,800 00
Two-story brick building erected 1888 cost		5,600 00

Land situated in Cambridge	14 242-1,000 acres
" " " Somerville	7 954-1,000 "
" " " Arlington	100-1,000 "
Lands (salable) on plan of April 10, 1884:— 30 lots of 5,000 feet each (in Somerville)	3 443-1,000 "
Total acres of land	25 739-1,000 "

About seven acres of City Home land lying south of Broadway in West Somerville have been sold for house lots The remaining lots (30) contain 150,000 square feet, and have been held at a valuation of four cents per square foot, but at the present time are assessed for about ten cents.

The valuation of the City Home real estate by the assessors is :—

Land in Cambridge	$21,000 00	
Buildings in Cambridge	25,000 00	
Land in Somerville	32,200 00	
Buildings in Somerville	3,200 00	
Land in Arlington	300 00	
Total		$81,700 00

INVENTORY

of personal property at City Home, December 1, 1906 :—

Book-keeping account books, stationery, etc.	$100 00	
Drugs, medicines and hospital supplies	300 00	
Dry goods, clothing, bedding, etc.	4,000 00	
Farm and stable: 2 horses, 51 pigs, 150 fowls, tools, 5 harnesses, 5 wagons, fertilizers, produce, 3 carriages, 2 sleighs, etc.	4,412 00	
Fuel	500 00	
House supplies, furniture, carpets, etc.	2,750 00	
Offal Dept.: 20 wagons, 20 pungs, 23 horses, 20 harnesses, etc.	6,600 00	
Outside aid: 2 delivery wagons, groceries, etc.	450 40	
Provisions: groceries and spices	200 00	
		$19,312 40

INVENTORY

of personal property at Overseer's office, Central Square Building, December 1, 1906 :—

Office furniture, filing cases, book-cases, typewriter, books, stationery, etc.	$620 00	
City Physician's office: instruments, microscope, operating table, furniture, medicine, etc.	425 00	
Coal Shed on Norfolk Street	400 00	
Sixty tons stove coal	480 00	
		$1,925 00

ENGINEERING DEPARTMENT.

PERSONAL PROPERTY.

6 books, at $3 each	$18 00	
5 volumes engineering papers, at $5	25 00	
5 logarithm books, at $1 each	5 00	
1 pantograph	10 00	
2 planimeters, at $20	40 00	
1 neostyle	5 00	
2 numbering machines, at $5 each	10 00	
1 typewriter	75 00	
Drawing instruments, pens, compasses, etc.	100 00	
Drawing materials and paper	50 00	
Wye level	50 00	
Dumpy level ($40), Hand level ($5)	45 00	
2 transits, at $100 each	200 00	
Level, line and sounding rods	45 00	
12 tapes	50 00	
Testing pans, moulds, etc.	10 00	
Electric motor	10 00	
Furniture in office	300 00	
Photographic outfit	50 00	
Rain gauges, standard and self recording	75 00	
Rubber boots	7 00	
9,883 plans, estimated value, $10 each	98,830 00	
		$100,010 00

SEWER DEPARTMENT.

REAL ESTATE.

Location.	Buildings.	Erection of Buildings.	Purchase of Land.	Feet of Land.	Assessors' Valuation of Land.	Assessors' Valuation of Buildings.	Total.
Pilgrim Street...	Stable	1887 1881	1868	23,707	$5,900 00	$5,600 00	$11,500 00
" "	Sheds.....	1884 1892					
" "	House....	1890					

SEWERS.

133,761 miles of sewers, which have cost to construct . . .	$1,995,001 27

PERSONAL PROPERTY.

1 buggy	$100 00	
4 carts, steel, sanitary	800 00	
1 cart, sanitary	50 00	
2 carts, tip	100 00	
10 clocks, register	100 00	
1 dray	50 00	
1 derrick, 4-leg	10 00	
1 engine, hoisting	100 00	
10 harnesses, sets of, and horse clothing . . .	176 00	
5 horses	625 00	
2 patterns	10 00	
Pile driver and hammers	100 00	
4 pumps — 1 steam and 3 hand	125 00	
1 roller, horse, street	100 00	
Rubber goods, miscellaneous	250 00	
1 sewer cleaning machine, "Healy"	500 00	
3 sleighs	140 00	
Stock on hand — brick, castings, lumber and pipe .	400 00	
Tools and implements, miscellaneous	2,400 00	
Tool-houses, etc.	150 00	
1 Trench machine, "Carson"	1,000 00	
1 wagon, canopy top	100 00	
1 wagon	125 00	
		$7,511 00

STREET DEPARTMENT.

INVENTORY OF REAL AND PERSONAL PROPERTY.

REAL ESTATE.

Location.	Buildings.	Erection of Buildings.	Purchase of Land.	Feet of Land.	Valuation of Land.	Valuation of Buildings.
Raymond St.....	City Yard and Stable, stable, sheds, scales, etc.	1897	1896	272,670	$27,000	$27,000
Hampshire St...	City Stable, sheds and scales, including old police station..............	1885	....	72,661	30,000	16,000
E. S. Norfolk St.	Yard and pound	....	....	39,600	12,000	....
River St.	Yard and wharf..........	....	....	41,546	17,000	....
Acton, Mass.....	Land, gravel bank........	....	1896	....	7,000	....
					$93,000	$43,000

PERSONAL PROPERTY.

71 horses	$8,850 00	
51 watering carts	12,500 00	
48 single and double carts	4,200 00	
100 sets harnesses	2,500 00	
Miscellaneous buggies, sleighs, pungs, plows, wagons, etc.	2,500 00	
3 bicycles	90 00	
5 steam rollers	10,500 00	
1 two-horse section roller	125 00	
Miscellaneous tools, road machines, pick-up sweepers, scrapers, brooms, waste barrels, push carts, etc.	8,200 00	
Stone crushing plant, Raymond street yard,	5,500 00	
Stone crushing plant, Hampshire street yard	6,000 00	
8 Shadboldt ash carts	2,500 00	
2 Watson carts	350 00	
Miscellaneous lumber, iron, oils, etc.	1,500 00	
125.3 feet straight edgestone	68 92	
147.1 feet circle edgestone	102 97	
31,000 granite paving blocks, seconds	775 00	
7,000 sidewalk bricks	86 80	
400 tons field stone	300 00	
11 tons coal	51 75	
23,732 vitrified bricks	690 09	
138 bags Portland cement	61 41	
103.7 feet granite flagging	72 59	
100 No. 1 granite blocks	7 30	
		67,531 83
		$203,531 83

ELECTRICAL DEPARTMENT.

STREET LIGHTING.

EQUIPMENT.

336 lamp posts	$3,360 00	
Office furniture	275 00	
Stock on hand (old and disused)	185 00	
Horse, carriage and harness	300 00	
		$4,120 00

BRIDGE DEPARTMENT.

PERSONAL PROPERTY.

CAMBRIDGE AND BOSTON BRIDGES.

Harvard Bridge	$750 00	
Prison Point Bridge	940 00	
West Boston Bridge	98 00	
River Street Bridge	500 00	
North Harvard Bridge	40 00	
Western Avenue Bridge	60 00	
		$2,388 00

WATER WORKS.

Streets.	Buildings.	Date of Purchase.	Feet or Acres of Land.	Valuation of Land.	Valuation of Buildings.	Valuation of Personal
Adams place		1890	160,597	$1,400		
“		1890	419,222	10,000		
S. S. Auburn	1 house & sheds.				$4,000	
“ “	Stable (brick)				7,000	
“ “	Shop (brick)	1868	(Lot 12) 33,847	6,600	5,500	$14,270
“ Concord ave	1 house (brick)					
“ “	Shop and stable.		27.33 a.	16,700	4,000	325
“ “		1890	$\frac{5}{8}$ a. (gravel pit)	300		
“ “		1856	397,417	3,000		
“ “		1886	99,000	1,000		
“ “ nr. Adams street		1891	10,805	500		
S. S. Concord ave		1886	11,220	100		
“ “ cor. Huron ave		1882	32,425	700		
S. S. Concord ave		1890	219,400	2,200		
“ “		1890	62,000	1,200		
Concord ave		1890	(G. H. lot) 43,560	400		
Near Concord ave. and railroad		1892	$4\frac{1}{2}$ a.	5,000		
S. S. Concord ave		1890	24,100	300		
“ “		1889	294,000	3,000		
“ “ between Fresh Pond and Watertown Branch of F. R. R.		1886	(Tudor Park) 57,312	1,500		
E. S. Cushing		1886	41,053	800		
“ “ cor. Woodlawn ave, north end		1888	95,482	2,000		
Cushing, corner Woodlawn ave.		1888	639,550	4,000		
E. S. Cushing, cor. Woodlawn ave., south end		1888	(Tri'ngular lot on St.)	No value		
Fresh Pond lane			211,835	20,000		
“ “		1890	$11\frac{1}{4}$ a.	11,000		
R. Fresh Pond lane		1886	364,608	3,500		
“ “		1886	239,541	5,000		
Near Fresh Pond lane and Adams place		1886	110,891	1,000		
Fresh Pond lane cor. Huron ave.		1894	46,479	6,900		
Rear of Grove		1886	272,800	2,000		
“ “		1888	150,000	1,500		
“ “		1890	519,000	6,000		
Holworthy		1886	for ext'n St 18,480	No value		
S. S. Huron avenue (part lot)		1886	22,348	700		(in G. H.) 5
S. S. Huron avenue (part lot)		1888	91,112	500		
Huron ave		1890	190,500	4,300		
“ “		1890	$1\frac{3}{4}$ a.	1,000		
Kingsley Park		1867 1886	309,336	8,000		
Lake View ave., cor. Vassal lane			(Lot 34) 15,371	2,000		
E. S. Lake View avenue			(Lot 32) 12,000	1,200		
E. S. Lake View avenue	House		(Lot 32) 9,000	1,000	7,000	
W. S. Lake View avenue			(Lot 37) 9,180	1,000		

WATER WORKS—Continued.

Street.	Buildings.	Date of Purchase.	Feet or Acres of Land.	Valuation of Land.	Valuation of Buildings.	Valuation of Personal
E. S. Lake View avenue	....	....	(Lot 31) 12,000	$1,200	....	....
E. S. Lexington ave. cor. Worthington	House and stable..	....	(Lot 63) 14,437	2,900	$7,300	....
Massachusetts ave..	In City Hall.......	....	....	....	.. ..	offi'e furn $1,000
Vassal lane.........	....	....	(Lot 33) 10,795	1,000	....	....
E. S. Woodlawn ave.	....	1886	91,040	2,000	....	....
Woodlawn ave......	....	1886	24,096	1,900	....	....
E. S. Woodlawn ave.	.. ..	1886	107,619	8,000	....	....
N. S. Woodlawn ave.	....	1887	25,216	1,200	....	....
E. S. Woodlawn ave.	....	1886	15,735	800	....	....
Woodlawn ave......	....	1886	26,989	1,600	. .. .	....
E. S. Woodlawn ave.	....	....	....	....	....	....
	Woodlawn ave. 9,910 29,471 22,100 4,000 7,000 7,333 14,328 12,280 106,422 Cushing 15,611 11,303 26,914	....	133,336	13,700	....	....
Worthington	Pumping Station and machinery. Dwelling-house.	1856 1873	 90,414	 18,000	50,000 2,000	pumping pl't tools $200,000
E. S. Worthington, cor. Lake View avenue	....	1856 1883	(Lot 36) 5,294	800	.. ..	... .
Nursery stock at Fresh Pond	....	....	....	....	....	5,000
Total	....	....	....	$190,400	$86,800	$220,600

REAL ESTATE AND PERSONAL PROPERTY AT HOBBS BROOK.

Value of land	$240,563 30	
Gate houses	6,710 40	
Keeper's house and stable	5,000 00	
Dams	132,297 73	
Personal property	63 00	
		$384,634 43

REAL ESTATE AND PERSONAL PROPERTY AT PAYSON PARK.

Value of land	$48,168 55	
Tool house	300 00	
Reservoir	287,000 00	
Personal property	30 00	
		$335,498 55

WATER WORKS—Concluded.

REAL ESTATE AND PERSONAL PROPERTY AT STONY BROOK.

Value of land	$138,080 73	
Keeper's house and stable	3,000 00	
Dam	289,000 00	
Personal property	396 00	
		$430,476 73

VALUATION OF

Main pipes	$664,401 00	
Supplies	223,317 58	
Boxes	13,967 00	
Fountains	5,600 00	
Gates	38,640 16	
Hydrants	47,437 00	
Ice water fountains	2,500 00	
Meters	38,900 00	
Standpipes	1,490 80	
Payson Park line	198,000 00	
Stony Brook line	237,600 00	
Hobbs Brook Conduit, first section	226,337 00	
Hobbs Brook Conduit, second section	297,275 00	
		$1,995,465 54

PUBLIC PROPERTY DEPARTMENT

SCHOOLHOUSES.

	Feet of Land.	Purchase of Land.	Erection of Buildings.	Valuation of Land.	Valuation of Buildings.	Valuation of Furniture.
Agassiz	19,689	1874	1875	$8,000	$20,000	$1,215
Boardman	10,018	1866	1868	4,000	13,000	1,290
Bridge	4,646	1836	1836	1,400	500	......
Corlett	10,000	1880	1880 Purchased.	1,200	3,000	195
Cushing	14,787	1880	1880 Purchased.	1,500	3,000	136
Dana	14,317	1847	1848	4,300	......	.....
Ellis	25,700	1897	1898	6,000	48,000	2,993
Felton	15,090	1847	1848	4,500	6,000	200
Fletcher	18,360	1902	1903	12,000	44,000	......
Gannett	15,434	1876	1886	3,000	12,000	430
Wellington	27,673	1875	1884	8,300	95,000	2,240
Gore	9,900	1871	1871	4,000	50,000	825
Harvard	20,494	1870	1871-1899	12,000	65,000	3,769
High	74,366	....	1891	40,900	220,000	9,220
Holmes	11,182	1870	1870	5,000	5,500	275
Houghton	20,306	1904	1904-1905	10,850	85,150	4,000
Kelley	25,230	1900	1902	9,600	60,900	4,380
Lassell	10,000	1880	1880	3,000	8,000	272
Latin	79,579	1894	1897	43,800	225,000	27,150
Lowell	12,033	1883	1883	3,600	5,500	402
Merrill	37,828	1864	1864	19,000	45,000	1,425
Morse	25,650	1889	1890	7,000	73,000	2,040
Otis	8,270	1857	1859	4,000	20,000	930
Parker	12,319	...	1893	7,000	15,000	710
Peabody	21,813	1887	1888-1898	9,800	68,000	3,340
Putnam	14,400	1896	1889	9,800	64,500	2,550
Reed	12,000	1868	1868	1,200	4,000	310
Rindge M. T	81,128	....	1887	44,000	72,000	12,000
Riverside	11,198	1868	1868	3,000	5,000	330
Roberts	16,400	1898	1898	12,000	67,500	4,453
Russell	33,073	1895	1896	6,000	40,000	2,440
Sargent	9,995	1838	1838	5,000	3,000	255
Shepard	14,755	1855	1856-1873	11,000	26,000	1,047
Sleeper	21,284	1894	1894	5,000	24,000	1,190
Stearns	10,050	1812	1841-1843	5,000	3,000	322
Tarbell	19,500	1878	1882	4,900	7,000	355
Taylor	23,592	1894	1895	6,000	36,000	1,720
Thorndike	10,027	1860	1860-1875	4,000	30,000	1,676
Washington	16,000	1900	1901	12,800	80,000	3,550
Webster	25,839	1866	1873-1885	9,000	50,000	3,350
Willard	20,079	1869	1870	7,000	25,000	1,350
Wyman	14,347	1871	1871-1886	4,500	5,000	555
				$383,950	$1,729,550	$109,335

SCHOOL DEPARTMENT.

PERSONAL PROPERTY.

Text books	$32,309 99
Desk, reference and library books	1,717 99
Apparatus and furnishings	22,068 58
Stock on hand July 1	7,142 58
Total	$63,239 14

PUBLIC LIBRARY.

REAL AND PERSONAL ESTATE.

141,666 feet of land, as per assessors' books	$85,000 00	
Library building, as per assessors' books	145,000 00	
		$230,000 00
Estimated valuation of books in the library	$73,000 00	
Estimated valuation of interior furnishings	9,000 00	
Estimated valuation of books in the East Cambridge Branch Library	2,900 00	
Estimated valuation of furnishings in the East Cambridge Branch Library	375 00	
Estimated valuation of books in the North Cambridge Branch Library	305 00	
Estimated valuation of interior furnishings in North Cambridge Branch Library	1,080 00	
		86,660 00
		$316,660 00

The lot (about 590 x 240 feet) occupied by the library building is bounded by Broadway, Irving, Cambridge and Trowbridge Streets. The land and building were presented to the City of Cambridge by Mr. Frederick H. Rindge, in June, 1889, on the completion of the building, which was begun in the autumn of 1887. In 1894 a wing was added to the building at a cost to the City of $20,000, and in 1902 an addition to the stack was made at an expense of about $30,000.

The trustees of the Library also hold the following funds, invested in the bonds of the City of Cambridge:—

Fay fund, school-house loan bond, No. 254, due 1st August, 1918, at 3½ per cent		$1,000 00
Cummings fund, water loan bond, No. 38, due 1st July, 1909, 4 per cent		2,000 00
Citizen's subscription fund, invested as follows:—		
Sewer loan bond, No. 7, due 1st May, 1910, 4 per cent.	$5,000 00	
Sewer loan bond, No. 47, due 1st October, 1925, 4 per cent.	500 00	
		5,500 00
William E. Saunders fund, invested as follows:—		
Building loan bond, No. 544, due 1st April, 1923, 3½ per cent.	$3,000 00	
Street loan bond, No. 545, due 1st April, 1923, 3½ per cent.	4,000 00	
Deposited in Cambridgeport Savings Bank	395 59	
		7,395 59
James A. Woolson fund, invested as follows:—		
City of Cambridge park loan bond, No. 701, due 1st April, 1945, 3½ per cent		5,000 00
		$20,895 59

PARK DEPARTMENT.

LAND.

	SQUARE FEET.	VALUE.
River Parkway :—		
Section A	395,174	$395,174 00
" B	859,000	1,718,000 00
" C	583,082	145,770 50
" D	1,668,709	188,045 21
" E	77,101	61,045 72
" F	605,084	117,537 65
" G	699,948	419,968 80
" H	62,858	13,135 30
Cambridge Field	528,154	206,200 13
Rindge Field and Nursery	501,729	150,518 70
East Cambridge Embankment	363,825	132,730 28
Commons and Squares :—		
Garden St., Massachusetts Ave. and Waterhouse St.	370,785	370,000 00
Massachusetts Ave., Kirkland and Cambridge Sts.	33,357	66,000 00
Massachusetts Avenue and Peabody Street	23,074	46,000 00
Massachusetts Avenue and Holmes Place	20,956	42,000 00
Massachusetts Avenue and Waterhouse Street	13,181	13,000 00
Washington Elm	886	886 00
Broadway Common	107,181	54,000 00
Fort Washington	42,123	8,000 00
Dana Square	33,531	12,000 00
Hastings Square	30,000	9,000 00
Winthrop Square (approx.)	11,611	23,000 00
Arsenal Square	3,189	3,100 00
Pleasant and River Streets	1,569	1,200 00
Pleasant Street and Western Avenue	1,372	1,000 00
Massachusetts Avenue and Arrow Street	872	1,700 00
Mill Pond Property	119,127	26,900 00
Total		$4,225,912 29
Buildings		66,124 48
Equipment		3,845 00

SCHEDULE B

No. X

EXEMPTED PROPERTY

The following is a schedule of property used for religious, charitable and educational purposes, and exempt from taxation by law, including property owned by the county of Middlesex not including that owned by the City of Cambridge, as shown on the Assessors' Books, November 30, 1906:—

Ward One.

Trinity Methodist Episcopal Church :—			
Church, Cambridge, corner Third Street	$25,000 00		
6,500 feet of land	16,300 00		
		$41,300 00	
Massachusetts Baptist Convention, Trustee :—			
Church, Cambridge and Fourth Streets	25,000 00		
6,000 feet of land	11,000 00		
		36,000 00	
Church of the Ascension :—			
Church, Third and Thorndike Streets	5,000 00		
4,800 feet of land	4,000 00		
		9,000 00	
County of Middlesex :—			
Court House, Third, Otis and Thorndike Streets	208,500 00		
Court House, Second, Otis and Thorndike Streets	180,000 00		
59,572 feet of land	60,000 00		
		448,500 00	
Law Library		50,000 00	
Registry of Deeds :—			
Cambridge, Otis, Second and Third Streets	376,000 00		
59,380 feet of land	90,000 00		
		466,000 00	
House of Correction, jail and shops Thorndike, Third, Spring and Second Streets	425,000 00		
59,880 feet of land	30,000 00		
		455,000 00	
Commonwealth of Massachusetts :—			
Office and sheds, Bridge Street	700 00		
Barn, Bridge Street	1,300 00		
Factory, Bridge Street	3,000 00		
1 house, Bridge Street	1,500 00		
Shed, Bridge Street	500 00		
Office, Bridge Street	1,000 00		
41,964 feet, Bridge Street	33,500 00		
23,759 feet Bridge Street	19,000 00		
		60,500 00	
Sacred Heart School Association :—			
St. John's Church, Fourth Street	5,000 00		
7,005 feet of land	4,200 00		
		9,200 00	
St. John's Literary Institute :—			
Halls and stores, Cambridge Street, ⅔ value	20,000 00		
½ of 6,300 feet of land	4,700 00		
Cash assets	5,008 71		
		29,708 71	
			$1,605,208 71

Ward Two.

Second Universalist Society :—			
Church, Otis Street	$16,000 00		
5,950 feet of land	3,500 00		
		$19,500 00	
Amounts carried forward		$19,500 00	$1,605,208 71

Amounts brought forward		$19,500 00	$1,605,208 71
Church of the Sacred Heart:—			
Church, Sixth, Otis and Seventh Streets	70,000 00		
15,400 feet of land	6,200 00		
		76,200 00	
Sacred Heart School Association:—			
11,000 feet of land on Seventh Street	3,300 00		
Schoolhouse	150,000 00		
Personal	4,170 00		
		157,470 00	
			253,170 00
Ward Three.			
Roman Catholic Archbishop of Boston:—			
Building, west side Portland Street	$7,000 00		
3,687 feet of land	1,500 00		
6,400 feet of land south side Portland Street	2,200 00		
			$10,700 00
Ward Four.			
Broadway Baptist Church:—			
Church, west side Boardman Street	$30,000 00		
11,620 feet of land	8,000 00		
		$38,000 00	
Cambridgeport Unitarian Society:—			
Church, north side Austin Street	18,000 00		
13,116 feet of land	8,000 00		
		26,000 00	
Harvard Street Methodist Episcopal Society:—			
Church, north side Harvard Street	22,000 00		
10,030 feet of land	8,000 00		
		30,000 00	
St. Paul's African M. E. Church:—			
Church, north side of Hastings Street	7,500 00		
3,186 feet of land	1,400 00		
		8,900 00	
Hope Congregational Church:—			
Church, north side Harvard Street	8,000 00		
6,000 feet of land	3,000 00		
		11,000 00	
Swedish Evangelical Missionary Church of Cambridge:—			
Church, 146 Hampshire Street	7,000 00		
3,879 feet of land	1,600 00		
		8,600 00	
St. Stephen's Baptist Church Buildings, 187–189 Broadway (part value)	500 00		
2,840 feet of land (part value)	1,100 00		
		1,600 00	
St. Mary's Parochial School:—			
Church, west side Norfolk, corner Harvard Street	45,000 00		
Girls' School, south side Harvard Street	60,000 00		
Boys' School, east side Essex Street	18,000 00		
Sisters' Home, 50 and 52 Essex Street	7,000 00		
49,928 feet of land	20,000 00		
Amounts carried forward	$150,000 00	$124,100 00	$1,869,078 71

Amounts brought forward	$150,000 00	$124,100 00	$1,869,078 71
St. Mary's Parochial School—Concluded—			
Theatre, east side Norfolk Street	15,000 00		
13,032 feet of land	6,500 00		
Gymnasium, east side Prospect Street	35,000 00		
11,370 feet of land	5,700 00		
House, 121 Norfolk Street	7,500 00		
7,500 feet of land	2,300 00		
Personal	47,467 15		
		269,467 15	
Congregation Beth Israel of Cambridge :—			
East side Columbia, near Market, Synagogue	15,000 00		
8,784 feet of land	2,600 00		
		17,600 00	
Asa P. Morse :—			
Church, west side Columbia Street	6,000 00		
Building, west side Columbia Street	500 00		
5,075 feet of land	1,700 00		
		8,200 00	
			419,367 15

Ward Five.

Baptist Church, Trustees of funds of :—			
Chapel, Hampshire Street	$3,000 00		
2,500 feet of land	800 00		
		$3,800 00	
First Evangelical Congregational Society :—			
Church, west side Prospect Street	40,000 00		
19,513 feet of land	12,000 00		
		52,000 00	
First Free Baptist Church :—			
Church, north side Harvard Street	9,000 00		
6,250 feet of land	4,700 00		
		13,700 00	
Donald M. Campbell, Trustee for First Free Baptist Church :—			
Church, north side Hampshire Street	3,000 00		
3,851 feet of land	1,600 00		
		4,600 00	
First Universalist Society of Cambridge :—			
Church, east side Inman Street	20,000 00		
15,312 feet of land	11,300 00		
		31,300 00	
First Reformed Presbyterian Church, west side Antrim Street	7,500 00		
5,000 feet of land	2,100 00		
		9,600 00	
First United Presbyterian Church :—			
Church, south side Cambridge Street	6,500 00		
9,173 feet of land	4,600 00		
		11,100 00	
Cambridge Young Women's Christian Association :—			
Personal property	10,416 54		
House, 5 Temple Street	3,400 00		
6,069 feet of land	3,600 00		
2 houses, 11 Temple & 136 Austin Sts.	4,900 00		
5,098 feet of land	3,100 00		
West side Temple St., 8,311 ft. of land	4,700 00		
Gymnasium	16,000 00		
		46,116 54	
Amounts carried forward		$172,216 54	$2,288,445 86

Amounts brought forward		$172,216 54	$2,288,445 86
The Holy Ghost Hospital for Incurables:—			
72,310 feet of land north side Cambridge Street		10,000 00	
			182,216 54
Ward Six.			
Immanuel Baptist Church:—			
Church, east side Magazine Street	$25,000 00		
11,250 feet of land	3,000 00		
		$28,000 00	
First Swedish Baptist Church of Cambridge:—			
Church (unfinished), 77 Columbia St.	7,000 00		
2,765 feet of land	1,200 00		
		8,200 00	
Grace Methodist Episcopal Church:—			
Church, east side Magazine Street	15,000 00		
7,750 feet of land	5,000 00		
		20,000 00	
Massachusetts Baptist Convention:— Union Baptist Church:—			
Church, 874 Main Street	14,500 00		
3,900 feet of land	3,900 00		
		18,400 00	
Baptist Home, 80 Chestnut Street, and 308 Brookline Street, one house and stable	11,500 00		
21,300 feet of land	10,000 00		
Personal property	28,126 76		
		49,626 76	
The Lamson Home, 322 Brookline Street, one house	5,000 00		
5,000 feet of land	2,000 00		
Personal property	9,653 05		
		16,653 05	
Roman Catholic Archbishop of Boston:—			
5,015 feet, south side Lake Street		1,500 00	
East End Union Mission:—			
Church, west side Burleigh Street on Rogers' land		6,000 00	
Rush African M. E. Zion Church:—			
Church, south side School Street	6,000 00		
2,760 feet of land	1,100 00		
		7,100 00	
St. Philip's Church, Episcopal:—			
Church, north side Allston street	3,000 00		
4,646 feet of land	1,300 00		
		4,300 00	
Wood Memorial Church, Congregational:—			
Church, west side Columbia, corner Austin Street	30,000 00		
8,933 feet of land	4,700 00		
		34,700 00	
			194,479 81
Amount carried forward			$2,665,142 21

Amount brought forward . .			$2,665,142 21
Ward Seven.			
Cambridge Young Men's Christian Association :—			
Personal property	$15,700 00		
New Building, Massachusetts Avenue	127,000 00		
24,145 feet of land	22,000 00		
		$164,700 00	
First Baptist Society :—			
Church, Central Square . . .	80,000 00		
21,400 feet of land	20,000 00		
		100,000 00	
First Church of the Evangelical Association of North America :—			
Church, 44 William Street . .	5,000 00		
6,750 feet of land	2,900 00		
		7,900 00	
Pilgrim Congregational Church :—			
Church, west side Magazine Street .	30,000 00		
12,415 feet of land	9,300 00		
		39,300 00	
Protestant Episcopal Church, Trustees of Donations to :—			
Church, south side Massachusetts Avenue (St. Peter's) . . .	10,000 00		
9,229 feet of land	9,200 00		
		19,200 00	
Prospect Union Association :—			
Personal property	12,871 14		
Building, 744 Massachusetts Avenue	5,800 00		
11,449 feet of land . . .	20,300 00		
		38,971 14	
Stratton, Chas F., Allen K. Sweet, and Edwin S. Chapin, Trustees :—			
Building, west side Ballard Place .	6,000 00		
4,344 feet of land	1,100 00		
Personal property	225 00		
		7,325 00	
			377,396 14
Ward Eight.			
Epworth Methodist Episcopal Church :—			
Church, Massachusetts Avenue .	$76,000 00		
11,248 feet of land	11,200 00		
		$87,200 00	
Old Cambridge Baptist Society :—			
Church, Massachusetts Avenue and Harvard Street	71,000 00		
34,573 feet of land	100,000 00		
		171,000 00	
. Paul's Roman Catholic Church :—			
Church, Mount Auburn Street . .	30,000 00		
11,216 feet of land	60,000 00		
		90,000 00	
St. Paul's Catholic School Association :—			
Personal property	4,000 00		
School building	59,000 00		
House, Arrow and Mount Auburn Streets	8,000 00		
32,900 feet of land	73,200 00		
		144,200 00	
Amounts carried forward . . .		$492,400 00	$3,042,538 35

Amounts brought forward		$492,400 00	$3,042,538 35
Holy Ghost Hospital for Incurables :—			
Personal property	6,773 69		
Building and house, Cambridge Street	56,000 00		
281,436 feet of land (part in Ward 5)	62,000 00		
		124,773 69	
The Corporation of the New Church Theological School :—			
New chapel	15,000 00		
Personal property	163,261 00		
Two houses and stable, 42–48 Quincy Street	16,000 00		
81,450 feet of land	81,000 00		
		275,261 00	
President and Fellows of Harvard College :—			
Personal property	15,329,997 72		
Dormitories, chapels, laboratories, museums, lecture rooms and houses, including property in Wards 9 and 10	7,028,000 00		
		22,357,997 72	
Jane Wilson (widow of disabled soldier),			
House, 9 Elmer Street	900 00		
1,275 feet of land	300 00		
		1,200 00	
			23,251,632 41

Ward Nine.

The Buckingham School, Buckingham Street :—			
Schoolhouse	$6,000 00		
7,600 feet of land	5,700 00		
Personal property	1,496 45		
		$13,196 45	
Christ Church, Episcopal, Garden St. :—			
Church and Parish House	22,000 00		
22,701 feet of land	28,000 00		
		50,000 00	
First Parish Church, Unitarian :—			
Church, Massachusetts Avenue	57,000 00		
14,831 feet of land	43,000 00		
		100,000 00	
Cambridge Social Union :—			
Personal property	2,000 00		
House, No. 42 Brattle Street	5,000 00		
7,030 feet of land	10,500 00		
⅓ value of hall	3,000 00		
⅓ value of 10,000 feet of land	5,000 00		
		25,500 00	
Shepard Congregational Society :—			
Church, Garden Street	110,000 00		
34,353 feet of land	34,000 00		
		144,000 00	
St. Peter's Roman Catholic Church :—			
Church, Concord Avenue	45,000 00		
33,700 feet of land	28,500 00		
		73,500 00	
St. Peter's Parish Hall Corporation :—			
Stores and hall, 70 Concord Avenue	39,500 00		
11,850 feet of land	3,500 00		
		43,000 00	
Amounts carried forward		$449,196 45	$26,294,170 76

Amounts brought forward		$449,196 45	$26,294,170 76
Roman Catholic Archbishop of Boston:—			
Building, S. S., Concord Avenue	4,000 00		
10,000 feet of land	3,500 00		
		7,500 00	
Cambridge Hospital:—			
Personal property	265,222 93		
Buildings, Mount Auburn Street	94,000 00		
Land	143,000 00		
		502,222 93	
Cambridge Home for Aged People:—			
Personal property	106,204 48		
Building, Mount Auburn Street	60,000 00		
42,975 feet of land	20,000 00		
		186,204 48	
Longfellow Memorial Association:—			
Personal property	16,739 44		
Park, south side Brattle Street, 93,618 feet	56,000 00		
		$72,739 44	
Episcopal Theological School, Trustees of:—			
Personal property	421,618 95		
Chapel, seminary and dormitories, Brattle and Mason Streets, and Hastings Avenue	356,700 00		
		778,318 95	
Avon Home, Mount Auburn Street:—			
Building	22,000 00		
69,470 feet of land	28,000 00		
Personal property	141,522 89		
		191,522 89	
Radcliffe College:—			
Personal property	682,050 62		
Five houses. laboratory, schoolhouse and gymnasiums, Garden, Brattle, Mason and James Streets, 163,296 feet of land including Ward 10 property	409,000 00		
		1,091,050 62	
Metropolitan Park, 29 acres		204,600 00	
			3,483,355 76
Ward Ten.			
North Avenue Congregational Society:—			
Church, Massachusetts Avenue	$32,000 00		
13,430 feet of land	11,600 00		
		$43,600 00	
			43,600 00
Ward Eleven.			
Catholic Cemetery, Rindge Avenue, 304,014 feet of land		$30,000 00	
Third Universalist Society:—			
Church, Massachusetts Avenue	$30,000 00		
14,880 feet of land	14,800 00		
		44,800 00	
Amounts carried forward		$74,800 00	$29,821,126 52

Amounts brought forward		$74,800 00	$29,821,126 52
Trustees of Donations to the Protestant Episcopal Church:—			
Church and Chapel, Massachusetts Avenue and Beech Street	75,000 00		
21,207 feet of land (cemetery lot included)	21,200 00		
		96,200 00	
Abbott, Edward, Trustee for, west side Beech Street:—			
Lot, 7,965 feet of land		3,900 00	
North Avenue Baptist Society:—			
Church Massachusetts Avenue	55,000 00		
38,525 feet of land	21,300 00		
		76,300 00	
Roman Catholic Archbishop of Boston:—			
Schoolhouse, south side Rindge Ave.	40,000 00		
39,754 feet of land	8,000 00		
Church, west side Massachusetts Ave.	10,000 00		
17,753 feet of land	10,000 00		
		68,000 00	
Lot, east side Middlesex Street, 1,939 feet		400 00	
Lot, south side Wilson Avenue, 6,214 feet		1,200 00	
Lot, end Wilson Avenue, 2,037 feet		400 00	
Marist Fathers of Boston, French Roman Catholic Church:—			
Personal property	1,500 00		
Church, north side Harvey Street	18,000 00		
14,645 feet of land	3,000 00		
Schoolhouse, Harvey Street	30,000 00		
12,375 feet of land	1,200 00		
		53,700 00	
Weymouth, Harrison G. O., (disabled soldier):—			
Orchard Street, 4,800 feet of land		2,200 00	
			377,100 00
Total			$30,198,226 52

REPORT OF THE COMMITTEE ON ACCOUNTS

Cambridge, December 18, 1906.

To the Honorable, the City Council of the City of Cambridge: —

The Committee on Accounts for the year ending November 30, 1906, respectfully submits its annual report as required by the City Ordinance

The Committee has met regularly every month and examined the books and accounts of the City Auditor and have found them kept in a highly commendable manner.

HARRY A. PENNIMAN,
ARTHUR R. HENDERSON,
JOHN M. COTTER,
JOSEPH M. CASEY,
RUSSELL A. WOOD,
Committee on Accounts.

REPORT OF THE CITY TREASURER

City of Cambridge, Mass.,

Office of City Treasurer, December 1, 1906.

To the Honorable, the City Council: —

In the following pages I submit a detailed report of the receipts and expenditures of the public funds by the Treasury Department, during the year ending November 30, 1906, including an account of all bonded and temporary loans negotiated in said year; also, a detailed account of official fees received, and reports on the "Cemetery Fund" and "Sarah E. Russell Fund."

Very respectfully,

WM. W. DALLINGER,
City Treasurer.

City of Cambridge in Account Current from December 1, 1905, to

Dr.

To authorized payments charged to City Accounts: —	
Mayor's Department: —	
Salaries	$5,485 02
General Expenses	518 74
City Messenger's Department: —	
Salaries	1,836 00
General Expenses	321 99
Clerk of Committees Department: —	
Salaries	3,399 25
General Expenses	360 46
City Council Expenses	6,792 78
City Clerk's Department: —	
Salaries	6,714 14
General Expenses	1,823 62
Law Department: —	
Salaries	4,273 96
General Expenses	613 34
Auditing Department: —	
Salaries	3,900 01
General Expenses	411 77
Assessors' Department: —	
Salaries	13,499 59
General Expenses	1,474 77
Assessors' Plans	251 40
Treasury Department: —	
Salaries	10,699 01
General Expenses	6,634 91
Sinking Fund Officials	341 00
Election Expenses: —	
City Clerk	8,303 60
Registrars of Voters	4,726 58
Superintendent of Buildings	2,807 68
City Building Account: —	
Salaries	9,891 84
General Expenses	10,544 46
Postage and Stationery	1,667 54
Police Department: —	
Salaries	148,984 36
General Expenses	7,208 01
Detention Room, Brattle Square	1,316 50
Alterations at Station 4	7,000 00
Fire Department: —	
Salaries	95,533 78
General Expenses	18,840 77
Repairs to Buildings	1,149 54
Electrical Department — Wire Account: —	
Salaries	8,722 25
General Expenses	4,271 15
Health Department: —	
Salaries	12,865 80
General Expenses	8,778 73
Smallpox Hospital	2,856 47
Diphtheria Hospital	8,259 04
Repairs to Building	426 61
Inspector of Milk and Vinegar: —	
Salaries	1,738 83
Modified Milk	1,338 37
General Expenses	372 38
Inspector of Animals	830 29
Purchase of Horses	6,440 00
Amount carried forward	$444,226 34

Nov. 30, 1906 (inclusive), with Wm. W. Dallinger, City Treasurer.

Cr.

By receipts as follows: —

City Council Expenses	$114 65
City Clerk's Department	1,295 60
Law Department	1,000 00
Treasury Department	3,647 70
City Building Account	1,409 25
Contingent Fund	114 28
Postage and Stationery	1,668 79
Police Department	4,391 23
Fire Department	90
Electrical Department — Wire Account	139 58
Health Department	1,093 54
Inspector of Milk and Vinegar — Modified Milk	535 16
Inspector of Animals	273 98
Purchase of Horses	6,166 02
Cemetery Department — Burials, Sales of Lots, etc	19,564 42
Sealer of Weights and Measures	752 10
Militia and Armories — Rent of Armories	1,633 33
City Farm	5,209 65
City Home	870 79
Hospital	544 91
Outdoor Relief	1,503 67
State Aid — Soldiers' Relief	15,954 00
Street Paving — Maintenance	1,168 88
Sidewalks — Paving	329 03
Street Sprinkling	2,184 11
House Offal	10,494 70
Sewer Deparment: —	
Construction	15 63
Maintenance	291 07
Bridges: —	
Boston Bridges	43 00
Cambridge Bridge	70 92
Water Department: —	
Construction: —	
General	3,627 24
Premium Account	18,927 70
Water Rates	366,440 61
City Real Estate	315 50
Rents	2,042 45
Schools: —	
General	25 00
Text Books and Supplies	687 81
Tuition	6,145 50
Public Library	6,039 70
Park Department: —	
Construction and Lands	1,437 60
Maintenance	70 80
Brown Tail Moth Extermination	2,210 70
Cambridge Field and Shelter	280 71
Baths	1,481 30
Loans: —	
Cambridge Bridge	150,000 00
Cambridge Bridge — Approach to Brookline Bridge	25,000 00
Commercial Avenue Bridge	50,000 00
Park	25,000 00
Schoolhouse	47,000 00
Sewer	60,000 00
Street	122,000 00
Temporary	413,000 00
Water	280,000 00
Premium Account	19,829 00
Interest	16,748 48
Interest upon Water Loans	1,529 24
Taxes: —	
1897	4 00
1898	4 00
1899	6 00
Amount carried forward	$1,702,334 23

City of Cambridge in Account Current from December 1, 1905 to

Dr.

Amount brought forward	$444,226 34
Cemetery Department: —	
Salaries	15,380 94
General Expenses	2,455 08
Surface Drainage	1,697 15
Superintendent of Buildings: —	
Salaries	6,170 75
General Expenses	855 54
Plumbers' Examiners Department	148 68
Sealer of Weights and Measures	84 60
Salaries	2,219 62
General Expenses	404 01
Militia and Armories: —	
Rifle Range	653 73
Car Tickets to and from Rifle Range, etc.	649 88
City Farm: —	
Labor	3,999 85
Supplies	892 82
City Home: —	
Salaries	7,738 88
General Expenses	12,481 84
Hospital	1,545 69
Outdoor Relief: —	
Salaries	2,742 50
General Expenses	17,180 20
City Physician	1,500 00
State Aid — Soldiers' Relief	27,206 63
Engineering Department: —	
Salaries	8,764 35
General Expenses	826 35
Street Department — Salaries of Superintendent and Clerks	5,502 49
Grade Crossings	50 00
Land Damages	5,049 10
Street Construction	33,927 67
Francis Avenue and others	6,194 07
Brookline Street	1,804 30
Lowland Avenue	609 53
Wadsworth and Amherst Streets	2,761 71
Sundry Streets	34,933 96
Board of Survey	161 57
Street Paving: —	
Street Maintenance	70,152 35
Crossings	4,168 39
Rebuilding Streets.	41,353 24
Subway at Raymond Street	6,445 47
Sidewalks: —	
Paving — Edgestones and Sidewalks	28,862 46
Sidewalk Repairs	5,223 19
Street Lighting: —	
Salaries	1,000 00
General Expenses	78,522 77
Street Cleaning	34,446 95
Snow Removal	5 987 62
Street Sprinkling	27,780 08
House Offal: —	
Labor	26,775 00
General Expenses	6,466 85
Collection of Ashes	33,593 12
Amount carried forward	$1,021,597 32

Nov. 30, 1906 (inclusive), with Wm. W. Dallinger, City Treasurer.

Cr.

Amount brought forward	$1,702,334	23
1900	113	40
1901	222	72
1902	1,128	71
1903	2,006	90
1904	14,722	31
1905	385,540	80
1906	1,565,532	66
Old Taxes	139	50
Tax: —		
Corporation	93,181	93
National Bank	19,057	12
Street Railway	143,074	99
Tax Lien Account	4,106	20
Licenses	3,243	10
Betterments: —		
Belmont Street	2,054	13
Assessments: —		
Sewer	6,088	80
Sidewalks	13,674	66
Street Sprinkling	16,833	26
Gipsy and Brown Tail Moths	3,480	90
Trustee for Cemetery Fund	5,715	60
Commissioners of Sinking Funds	43,000	00
Total Receipts	$4,025,251	92
Cash Balance in Treasury, November 30, 1905	296,589	62
	$4,321,841	54
Amount carried forward	$4,321,841	54

City of Cambridge in Account Current from December 1, 1905, to

Dr.

Amount brought forward	$1,021,597 32
Sewer Department: —	
Construction: —	
General	14,819 31
Improved Sewerage	8,081 10
Separate System of Drainage	49,150 48
Maintenance	19,111 46
Metropolitan Sewer Tax	84,895 57
Bridges: —	
Boston Bridges: —	
Salaries and Labor	8,939 25
General Expenses	8,744 37
Cambridge Bridge	244,873 69
Brookline Bridge Approach	21,073 81
Street Department	4,374 98
Damages to Persons and Personal Property	2,438 17
Civil Service Department	341 26
Water Department: —	
Construction: —	
General	19,926 01
Hobbs Brook Account — General	3 37
Services of City Solicitor	1,000 00
Meters	485 65
Broad Canal Conduits	167 45
Hobbs Brook Conduit	291,957 35
Maintenance	25 75
Salaries	10,801 67
General Expenses	25,409 92
Pumping: —	
Salaries and Labor	7,496 64
General Expenses	10,991 83
Fresh Pond Reservoir	9,171 90
Grading	1,928 02
Hobbs Brook Reservoir	1,585 86
Payson Park Reservoir	969 23
Stony Brook Reservoir	2,459 59
Ice for Fountains	615 01
Services of City Solicitor	1,500 00
Water Rates — Abatements	3,198 65
Water Rates — Refunds	1,511 72
Schools: —	
Salaries, Janitors and others	40,576 93
General Expenses	50,986 61
Houghton Schoolhouse	712 70
Rindge Manual Training Schoolhouse: —	
Alterations	3,815 24
Equipment	1,364 83
Wellington Schoolhouse — Addition	8,149 29
Roberts Schoolhouse — Addition	4,655 05
Care of Truants	2,151 77
Flags	44 85
Incidentals	1,878 04
Textbooks and Supplies	22,004 61
Transportation of Pupils	372 00
Salaries, Teachers and Officers	386,779 18
Vacation Schools	1,826 35
Public Library: —	
Salaries	10,470 13
General Expenses	11,046 40
East Cambridge Branch: —	
Salaries	888 95
General Expenses	999 74
North Cambridge Branch: —	
Alteration of Building	1,106 03
General Expenses	745 93
Amount carried forward	$2,430,221 02

NOV. 30, 1906 (INCLUSIVE), WITH WM. W. DALLINGER, CITY TREASURER.

Cr.

Amount brought forward	$4,321,841 54
Amount carried forward	$4,321,841 54

CITY OF CAMBRIDGE IN ACCOUNT CURRENT FROM DECEMBER 1, 1905, TO

Dr.

Amount brought forward	$2,430,221 02
Park Department: —	
Construction and Lands	7,366 30
Playground, East Cambridge	2,529 16
Grading Rindge Field	152 66
Rindge Field	1,588 91
Shelter, Rindge Field	3,879 02
Maintenance: —	
Brown Tail Moth Extermination	14,168 83
Cambridge Field and Shelter	6,439 32
Commons, Squares and Public Grounds	6,353 30
General Account	2,146 57
Shade Trees	6,866 58
Sections, A, B, D, F and Rindge Field	4,991 11
Sections G and H	2,503 77
Shelter at Rindge Field	97 30
Schoolhouse Grounds	199 93
Baths	2,426 10
Independence Day	1,660 79
Labor Day	399 97
Memorial Day	1,100 00
Loans: —	
Temporary	413,000 00
Water	43,000 00
Sinking Funds: —	
Cambridge Bridge	17,333 33
Cambridge Bridge Special	616 00
Clay Lands	5,335 00
General	98,962 00
Harvard Bridge	8,800 00
Hospital	225 00
Improved Sewerage	8,778 00
Metropolitan Park Assessment	1,012 00
Park	24,120 00
Separate System of Drainage	1,100 00
Water	126,871 49
Serial Water Bond	12,500 00
Interest	184,376 85
Interest upon Park Loans	55,392 50
Interest upon Water Loans	143,827 75
Taxes, Abatements	61,528 79
Excise Tax, Refunds	278 43
Tax: —	
Armory	10,378 35
County	112,483 29
Grade Crossings	12,536 94
Metropolitan Park	47,502 47
National Bank	4,351 35
State	113,085 00
Tax Lien Account	3,995 10
Licenses	13 75
Trustee of Cemetery Fund	5,715 60
Total Payments	$4,012,209 63
Cash Balance in Treasury, November 30, 1906	309,631 91
	$4,321,841 54

NOV. 30, 1906 (INCLUSIVE), WITH WM. W. DALLINGER, CITY TREASURER.

Cr.

Amount brought forward	$4,321,841 54
	$4,321,841 54

TEMPORARY LOANS IN ANTICIPATION OF TAXES, NEGOTIATED IN THE YEAR ENDING NOVEMBER 30, 1906.

Date.	Maturity.	Amount.	
1906	**1906**		
January 15....	October 10....	$100,000	Discounted at 4.50 per cent. per annum.
February 13....	October 11....	25,000	" 3.96 " "
February 13....	October 11....	25,000	" 3.96 " "
February 13....	October 11....	25,000	" 3.96 " "
February 13....	October 11....	10,000	" 3.96 " "
February 13....	October 11....	10,000	" 3.96 " "
February 13....	October 11....	5,000	" 3.96 " "
March 15....	October 12....	50,000	With interest at 4.375 per cent. per annum.
May 1....	October 12....	50,000	Discounted at 4.50 per cent. per annum.
May 2....	October 12....	10,000	" 4.50 " "
May 7....	October 12....	3,000	" 4.50 " "
August 1....	October 12....	25,000	" 4.50 " "
August 1....	October 12....	25,000	" 4.50 " "
August 1....	October 12....	25,000	" 4.50 " "
August 1....	October 12....	25,000	" 4.50 " "
		$413,000	Average interest rate 4.276 per cent.

These loans were all paid before the close of the financial year.

PARTICULARS CONCERNING THE BONDS NEGOTIATED DURING THE YEAR ENDING NOVEMBER 30, 1906.

Date of Bonds.	Amount.	Loan.	Years to Run.	Rate of Interest.	Purchaser.	Price Paid.	Basis.
1906							
Jan. 1...	$20,000	Cambridge Bridge	40	3½	Merrill, Oldham & Co.	100.25	3.49
May 1...	258,000	Water...	30	4	" " "	107.25	3.60
May 1...	22,000	Water............	30	4	" " "	102.66	3.76
May 1...	100,000	Street..............	20	4	" " "	105.50	3.60
May 1...	35,000	Sewer............	30	4	" " "	107.25	3.60
Aug. 1...	150,000	Cambridge Bridge	40	4	" " "	106.342	3.69
Aug. 1...	33,000	Schoolhouse.......	20	4	" " "	101.39	3.89
Aug. 1...	8,000	Schoolhouse.......	20	4	City Treasurer of Cambridge, Trustee for Cemetery Fund....	100.00	4.00
Aug. 1...	6,000	Schoolhouse.......	20	4	Commissioners of Sinking Funds, Cambridge, Mass................	100.00	4.00
Aug. 1...	22,000	Street..............	20	4	Merrill, Oldham & Co.............	101.39	3.89
Aug. 1...	50,000	Commercial Avenue Bridge	40	4	Merrill, Oldham & Co.............	103.06	3.85
Sept. 1...	25,000	Park..............	40	4	" " "	103.05	3.85
Sept. 1...	25,000	Sewer............	30	4	" " "	102.66	3.85
Sept. 1...	5,000	Cambridge Bridge	40	4	" " "	103.05	3.85
	$759,000						

RECAPITULATION.

Cambridge Bridge Loans	$175,000 00	Sewer Loans . . .	$60,000 00
Commercial Avenue Bridge Loan	50,000 00	Street Loan . . .	122,000 00
Park Loans . . .	25,000 00	Water Loans . . .	280,000 00
Schoolhouse Loan . .	47,000 00	Total issue . . .	$759,000 00

FEES.

During the year the Treasurer has received official fees amounting to $2,147.70, itemized as follows: —

Summonses to delinquents	$882 60	
Preparing advertisements of sale	355 00	
Advertisements of sale	647 10	
Posting notices of sale	55 50	
Making tax deeds	180 00	
Recording affidavits	17 65	
Collector's fees under Chapter 443, Acts 1902 . . .	9 85	
		$2,147 70

These fees were all turned into the City Treasury as received.

CEMETERY FUND.

Received during year ending November 30, 1906, from proprietors of lots in Cambridge Cemetery . . .	$5,715 60	
Which added to amount of fund December 1, 1905 . .	65,328 48	
Makes the present amount		$71,044 08

The interest received on the Fund for the year was $2,488.19, which has been paid to the Commissioners of the Cambridge Cemetery for the care of all lots placed in perpetual care.

The assets of the Fund, as of November 30, 1906, are invested as follows, viz: —

Registered bonds of City of Cambridge, amounting to .	$70,350 00	
Deposited in Cambridgeport Savings Bank . . .	826 08	
		$71,176 08
Fund for perpetual care of lots is	$71,044 08	
Fund for Deeds in Trust is	132 00	
		$71,176 08

This Fund is held in trust by the City Treasurer.

SARAH E. RUSSELL FUND.

This is a Fund bequeathed by the late Sarah E. Russell of Cambridge, in 1898, "the income therefrom to be annually expended in or towards providing a Christmas tree or Christmas gifts and entertainments for the inmates at the time of the Cambridge Almshouse."

The amount of the bequest was $814.41, and was deposited in the Cambridgeport Savings Bank, where it now remains.

The interest accumulations to November 30, 1906, have been paid to Mr. C. E. Goodrow, Superintendent of the City Home, to be used at the approaching Christmas as stipulated in the will of Mrs. Russell.

REPORT OF THE COMMISSIONERS OF THE SINKING FUNDS OF THE CITY

To the Honorable the City Council: —

The Commissioners of the several Sinking Funds of the City herewith submit their annual report, covering the year ending November 30, 1906. Our report shows the condition of the Sinking Funds under two divisions, first, Municipal; second, Water.

The following is the condition of the strictly Municipal Loans Funds: —

Dr.

The amount of the Funds November 30, 1905, was	$845,183 89	
Received from the City of Cambridge the annual requirements as appropriated by the City Council for the several bonded loans	166,281 33	
Premiums received on investments purchased	687 50	
Interest received on invested Funds	32,685 31	
		$1,044,838 03

Cr.

Paid premiums on investments purchased	$2,420 10	
Paid accrued interest on investments purchased	2,118 95	
Leaving the total amount of the Funds November 30, 1906	1,040,298 98	
		$1,044,838 03

The following figures show the condition of the Water Loan Fund: —

Dr.

The amount of the Fund November 30, 1905, was	$1,382,828 84	
The amount received from the City Treasurer of Cambridge being the annual requirements for 1906, derived from the Water Rates	123,247 50	
Surplus received from Water Department, Maintenance Accounts	3,623 99	
Interest received on investments	50,865 12	
		$1,560,565 45

Cr.

Paid accrued interest on investments purchased	$3,123 00	
Paid premiums on investments purchased	6,692 60	
Paid City Treasurer for matured bonds	43,000 00	
Leaving amount of Fund November 30, 1906	1,507,749 85	
		$1,560,565 45

The Committee appointed to audit the accounts of the Treasurer of the Funds reports that his accounts are correct and properly vouched and his books are well kept. A thorough computation of the cash, interest and bond transactions of the Treasurer, independent of his books, proves the correctness of his accounts, as follows: —

MUNICIPAL LOANS FUND.

BOND ACCOUNT.

Amount of bonds in the Fund November 30, 1905		$844,000 00	
Amount of bonds purchased during the year		194,000 00	
			$1,038,000 00
Amount of bonds matured during the year			3,000 00
Amount of bonds (at par value) in the Fund November 30, 1906			$1,035,000 00

CASH ACCOUNT.

Cash on hand November 30, 1905	$1,183 89		
Cash received from City Treasurer, annual requirement from taxation	166,281 33		
Cash received for interest on investments	32,635 31		
Cash received for matured bonds	3,000 00		
		$203,150 53	
Cash paid for bonds purchased (par value)	$194,000 00		
Cash paid for premium purchased	1,732 60		
Cash paid for accrued interest purchased	2,118 95		
		197,851 55	
Cash on hand November 30, 1906			5,298 98
Total amount of Municipal Sinking Funds November 30, 1906			$1,040,298 98

WATER LOANS FUND.

BOND ACCOUNT.

Amount of bonds in the Fund November 30, 1905		$1,381,600 00	
Amount of bonds purchased during the year		212,000 00	
			$1,593,600 00
Amount of bonds matured during the year			87,300 00
Amount of bonds (at par value) in the Fund November 30, 1906			$1,506,300 00

CASH ACCOUNT.

Cash on hand November 30, 1905	$1,228 84		
Cash received from water rates, fines, etc.	126,871 49		
Cash received for interest on investments	50,865 12		
Cash received for matured bonds	87,300 00		
		$266,265 45	
Cash paid for bonds purchased	$212,000 00		
Cash paid for premium on bonds purchased	6,692 60		
Cash paid for accrued interest on bonds purchased	3,123 00		
Cash paid City Treasurer to redeem Water Loan bonds falling due this year	43,000 00		
		264,815 60	
Cash on hand November 30, 1906			$1,449 85
Total amount (par value) of Water Loans Sinking Fund November 30, 1906			$1,507,749 85

FRANK A. ALLEN, } *Auditing*
GEORGE G. WRIGHT, } *Committee.*

Municipal Bonds to the amount of $479,000.00 have been issued during the present year. None of the Municipal Bonds matured this year. The total amount of the Funded Municipal Debt, exclusive of the Water Debt, now outstanding is $6,657,850.00. Deducting the present amount, at par value, of the Sinking Fund ($1,040,298.98), leaves the net amount of the Municipal Funded Debt, November 30, 1906, $5,617,551.02. This shows a net increase of $283,884.91 during the current year. There will be due this Fund from taxation in 1907, the sum of $177,273.04. During the year 1907, Municipal Bonds to the amount of $70,500.00 will mature and be paid from this Fund.

The property valuation, real and personal, of the City for 1906, as declared by the Assessors is $105,153,235.00, an increase of $1,307,635.00 over the valuation of 1905.

Bonds amounting to $280,000.00 on account of the Cambridge Water Works have been issued this year. Bonds on this account to the amount of $43,000.00, matured this year and were paid from this Fund.

The total amount of the Water Debt now outstanding is $3,871,100.00. Deducting the par value of the Water Loan Sinking Fund ($1,507,749.85), leaves the net Water Debt, November 30, 1906, $2,363,350.15, showing an increase of $99,578.99 over last year.

During the year 1907, Water Bonds to the amount of $112,000.00 will mature and be paid from this Fund.

There will be due this Fund in 1907, from Water Rates, etc., $125,110.00.

The first installment of $250,000.00 of Serial Water Bonds, amount of $12,500.00, matured this year and was paid from Water Rates receipts, no Sinking Fund being provided for this loan.

FRANK A. ALLEN,
GEORGE G. WRIGHT,
GEORGE H. HOWARD,
AUSTIN FORD,
GUSTAVUS GOEPPER,
THOMAS F. ROYLE,

Commissioners of the Sinking Funds of the City of Cambridge.

The following are the investments belonging to the Municipal Loans Funds: —

				Maturing		
Cambridge	City	bonds	3 1-2s,	Nov. 1, 1909	$32,000 00	
"	"	"	3 1-2s,	Nov. 1, 1911	36,000 00	
"	"	"	3 1-2s,	Nov. 1, 1919	18,000 00	
"	"	"	3 1-2s,	Nov 1, 1921	27,000 00	
"	"	"	3 1-2s,	July 1, 1922	5,000 00	
"	"	"	4s,	Nov. 1, 1926	6,000 00	
"	"	"	3 1-2s,	Nov. 1, 1929	42,000 00	
"	"	"	3 1-2s,	Jan. 1, 1943	6,000 00	
						$172,000 00
Fitchburg R. R. Co.			4s,	April 1, 1907	$50,000 00	
Lynn	City	bonds	4s,	May 1, 1907	5,000 00	
Watertown	Town	"	3 1-2s,	Jan. 1, 1908	9,000 00	
Lynn	City	"	4s,	May 1, 1908	5,000 00	
Somerville	"	"	4s,	July 1, 1908	8,000 00	
Belmont	Town	"	4s,	Oct. 1, 1908	15,000 00	
Medford	City	"	4s,	Dec. 15, 1908	10,000 00	
New Bedford	"	"	3 1-2s,	Feb. 1, 1909	40,000 00	
Lynn	"	"	4s,	May 1, 1909	5,000 00	
Pawtucket, R. I.	"	"	4s,	July 1, 1909	30,000 00	
Watertown	Town	"	3 1-2s,	Aug. 1, 1909	15,000 00	
Lynn	City	"	4s,	May 1, 1910	5,000 00	
Lynn	"	"	4s,	May 1, 1911	5,000 00	
Beverly	"	"	4s,	July 1, 1911	9,000 00	
Medford	"	"	4s,	July 1, 1911	26,000 00	
Rochester, N. Y.	"	"	3 1-2s,	Jan. 1, 1912	50,000 00	
Lynn	"	"	4s,	May 1, 1912	5,000 00	
Boston & Lowell R. R. Co.			4s,	Feb. 1, 1913	1,000 00	
Lynn	City	bonds	4s,	May 1, 1913	5,000 00	
Lynn	"	"	4s,	May 1, 1914	5,000 00	
Allegheny, Pa.	"	"	3 1-2s,	Oct. 1, 1914	22,000 00	
Amounts carried forward . . .					$325,000 00	$172,000 00

Amounts brought forward				$325,000 00	$172,000 00
Lynn	City bonds	4s,	May 1, 1915	5,000 00	
Medford	“ “	4s,	July 1, 1915	23,000 00	
Allegheny, Pa.	“ “	3 1-2s,	Oct. 1, 1915	22.000 00	
Watertown	Town “	3 1-2s,	Jan. 1, 1916	7,000 00	
Melrose	City “	4s,	Feb. 24, 1916	10,000 00	
Fall River	“ “	4s,	Mar. 1, 1916	42,000 00	
Lynn	“ “	4s,	May 1, 1916	5,000 00	
Brockton	“ “	3 1-2s,	July 1, 1916	5,000 00	
Boston & Lowell R. R. Co.		4s,	July 1, 1916	10,000 00	
Fitchburg R. R. Co.		4s,	July 1, 1916	10,000 00	
Worcester	City bonds	4s,	July 1, 1916	35,000 00	
Allegheny, Pa.	“ “	3 1-2s,	Oct. 1, 1916	22,000 00	
Watertown	Town “	3 1-2s,	Jan. 1, 1917	9,000 00	
Watertown	“ “	3 1-2s,	Jan. 1, 1918	9,000 00	
Marlborough	“ “	4s,	July 1, 1918	10,000 00	
Medford	City “	4s,	Aug 1, 1918	50,000 00	
Watertown	Town “	3 1-2s,	Jan. 1, 1919	9.000 00	
Boston	City “	3 1-2s,	July 1, 1919	5,000 00	
Watertown	Town “	3 1-2s,	Jan. 1, 1920	9,000 00	
Stoughton	“ “	4s,	June 1, 1920	2,000 00	
Watertown	“ “	3 1-2s,	Jan. 1, 1921	9,000 00	
Watertown	“ “	3 1-2s,	Jan. 1, 1922	9,000 00	
Reading	“ “	4s,	June 1, 1922	5,000 00	
Boston	City “	3 1-2s,	June 1, 1922	53,000 00	
Boston	“ “	3 1-2s,	June 1, 1923	66,000 00	
Reading	Town “	4s,	June 1, 1923	5,000 00	
Medford	City “	4s,	July 1, 1923	2,000 00	
Old Colony R. R. Co.		4s,	Dec. 1, 1925	50,000 00	
Fitchburg R. R. Co.		4s,	Mar. 1, 1927	40,000 00	
					863,000 00
					$1,035.000 00
Cash in bank					5,298 98
					$1,040,298 98

The following are the investments belonging to the Water Loan Funds: —

			Maturing	
Cambridge	City bonds	4s,	July 1, 1908	$1,000 00
“	“ “	3 1-2s,	Nov. 1, 1912	20,000 00
“	“ “	4s,	Feb. 1, 1913	2,000 00
“	“ “	3 1-2s,	May 1, 1913	5,500 00
“	“ “	3 1-2s,	May 1, 1915	12,500 00
“	“ “	3 1-2s,	May 1, 1916	11,500 00
“	“ “	4s,	Oct. 1, 1916	65,100 00
“	“ “	3 1-2s,	May 1, 1917	12,500 00
“	“ “	3 1-2s,	Dec. 1, 1917	40,000 00
Amount carried forward . . .				$170,100 00

Amount brought forward					$170,100 00	
Cambridge	City	bonds	3 1-2s,	May 1, 1919	12,500 00	
"	"	"	3 1-2s,	Nov. 1, 1919	20,000 00	
"	"	"	3 1-2s,	May 1, 1920	12,500 00	
"	"	"	4s,	Nov. 1, 1920	5,000 00	
"	"	"	3 1-2s,	May 1, 1921	12,500 00	
"	"	"	3 1-2s,	May 1, 1922	12,500 00	
"	"	"	3 1-2s,	May 1, 1923	12,500 00	
"	"	"	3 1-2s,	May 1, 1924	12,500 00	
						$270,100 00
Brockton	"	"	3 1-2s,	Aug. 1, 1907	$2,000 00	
Wakefield	Town	"	4s,	Oct. 1, 1907	6,000 00	
Malden	City	"	4s,	Nov. 1, 1907	5,000 00	
Troy, N. Y.	"	"	3 1-2s,	Nov. 15, 1907	2,000 00	
Hull	Town	"	4s,	May 1, 1908	5,000 00	
Brockton	City	"	3 1-2s,	Aug. 1, 1908	2,000 00	
Methuen	Town	"	4s,	Aug. 1, 1908	10,000 00	
Greenfield	"	"	3 1-2s,	Oct. 15, 1908	6,000 00	
Malden	City	"	4s,	Nov. 1, 1908	5,000 00	
Troy, N. Y.	"	"	3 1-2s,	Nov. 15, 1908	2,000 00	
W. Springfield	Town	"	3 1-2s,	Dec. 1, 1908	12,000 00	
New Bedford	City	"	3 1-2s,	Feb. 1, 1909	16,000 00	
Brockton	"	"	3 1-2s,	Aug. 1, 1909	2,000 00	
Methuen	Town	"	4s,	Aug. 1, 1909	15,000 00	
Greenfield	"	"	3 1-2s,	Oct. 15, 1909	6,000 00	
Malden	City	"	4s,	Nov. 1, 1909	5,000 00	
Fitchburg	"	"	3 1-2s,	Nov. 1, 1909	8,000 00	
Essex, Co. of	County	"	3 1-2s,	Nov. 8, 1909	5,000 00	
Troy, N. Y.	City	"	3 1-2s,	Nov. 15, 1909	2,000 00	
Boston, Clinton, Fitchburg & New Bedford R. R. Co.			5s,	Jan. 1, 1910	100,000 00	
Revere	Town	bonds	3 1-2s,	April 1, 1910	12,000 00	
Taunton	City	"	3 1-2s,	June 1, 1910	21,000 00	
Newburyport	"	"	3 1-2s,	June 1, 1910	12,000 00	
Springfield	"	"	3 1-2s,	July 1, 1910	8,700 00	
Somerville	"	"	4s,	July 1, 1910	17,000 00	
Brockton	"	"	3 1-2s,	Aug. 1, 1910	2,000 00	
Salem	"	"	3 1-2s,	Sept. 1, 1910	5,000 00	
Gloucester	"	"	3 1-2s,	Oct. 1, 1910	10,000 00	
Greenfield	Town	"	3 1-2s,	Oct 15, 1910	6,000 00	
Fitchburg	City	"	3 1-2s,	Nov. 1, 1910	8,000 00	
Essex, Co. of	County	"	3 1-2s,	Nov 8, 1910	5,000 00	
Troy, N. Y.	City	"	3 1-2s,	Nov. 15, 1910	2,000 00	
Revere	Town	"	3 1-2s,	April 1, 1911	4,000 00	
New Haven & Northampton R. R. Co.			5s,	April 1, 1911	50,000 00	
Holyoke	City	bonds	3 1-2s,	May 1, 1911	7,500 00	
Taunton	"	"	3 1-2s,	June 1, 1911	35,000 00	
Springfield	"	"	3 1-2s,	July 1, 1911	8,700 00	
Amounts carried forward					$429,900 00	$270,100 00

Amounts brought forward . .				$429,900 00	$270,100 00
Brockton	City bonds	3 1-2s,	Aug. 1, 1911	2,000 00	
Newburyport	“ “	3 1-2s,	Sept. 1, 1911	2,000 00	
Salem	“ “	3 1-2s,	Sept. 1, 1911	5,000 00	
Greenfield	Town “	3 1-2s,	Oct. 15, 1911	12,000 00	
Newton	City “	3 1-2s,	Nov. 1, 1911	12,500 00	
Fitchburg	“ “	3 1-2s,	Nov. 1, 1911	8,000 00	
Troy, N. Y.	“ “	3 1-2s,	Nov. 15, 1911	2,000 00	
New Bedford	“ “	3 1-2s,	Mar. 1, 1912	15,000 00	
Pittsburg, Pa.	“ “	3 1-4s,	April 1, 1912	10,000 00	
Holyoke	“ “	3 1-2s,	May 1, 1912	7,500 00	
Worcester	“ “	3 1-2s,	July 1, 1912	35,000 00	
Springfield	“ “	3 1-2s,	July 1, 1912	8,700 00	
Somerville	“ “	4s,	July 1, 1912	8,000 00	
Brockton	“ “	3 1-2s,	Aug. 1, 1912	2,000 00	
Newburyport	“ “	3 1-2s,	Sept. 1, 1912	7,000 00	
Salem	“ “	3 1-2s,	Sept. 1, 1912	5,000 00	
Wakefield	Town “	4s,	Oct. 1, 1912	1,000 00	
Gloucester	City “	3 1-2s,	Oct. 1, 1912	10,000 00	
Lynn	“ “	3 1-2s,	Oct. 1, 1912	3,000 00	
Fitchburg	“ “	3 1-2s,	Nov. 1, 1912	8,000 00	
Troy, N. Y.	“ “	3 1-2s,	Nov. 15, 1912	2,000 00	
Holyoke	“ “	3 1-2s,	May 1, 1913	7,500 00	
Newburyport	“ “	3 1-2s,	June 1, 1913	12,000 00	
Springfield	“ “	3 1-2s,	July 1, 1913	8,700 00	
Somerville	“ “	4s,	July 1, 1913	8,000 00	
Brockton	“ “	3 1-2s,	Aug. 1, 1913	2,000 00	
Newburyport	“ “	3 1-2s,	Sept. 1, 1913	7,000 00	
Salem	“ “	3 1-2s,	Sept. 1, 1913	5,000 00	
Gloucester	“ “	3 1-2s,	Oct. 1, 1913	10,000 00	
Fitchburg	“ “	3 1-2s,	Nov. 1, 1913	8,000 00	
Troy, N. Y.	“ “	3 1-2s,	Nov. 15, 1913	2,000 00	
Holyoke	“ “	3 1-2s,	May 1, 1914	7,500 00	
Springfield	“ “	3 1-2s,	July 1, 1914	6,700 00	
Somerville	“ “	4s,	July 1, 1914	8,000 00	
Salem	“ “	3 1-2s,	Sept. 1, 1914	5,000 00	
Newburyport	“ “	3 1-2s,	Sept. 1, 1914	7,000 00	
Troy, N. Y.	“ “	3 1-2s,	Nov. 15, 1914	2,000 00	
Lynn	“ “	4s,	Jan. 1, 1915	16,000 00	
Revere	Town “	3 1-2s,	Apr. 1, 1915	1,000 00	
Weymouth	“ “	3 1-2s,	May 1, 1915	2,500 00	
Holyoke	City “	3 1-2s,	May 1, 1915	7,500 00	
Newburyport	“ “	3 1-2s,	June 1, 1915	12,000 00	
Springfield	“ “	3 1 2s,	July 1, 1915	5,700 00	
Somerville	“ “	4s,	July 1, 1915	8,000 00	
Brockton	“ “	3 1-2s,	Aug. 1, 1915	1,000 00	
West End Street Railway		4s,	Aug. 1, 1915	9,000 00	
Newburyport	City bonds	3 1-2s,	Sept. 1, 1915	7,000 00	
Amounts carried forward . . .				$771,700 00	$270,100 00

Amounts brought forward					$771,700 00	$270,100 00
Salem	City	bonds	3 1-2s,	Sept. 1, 1915	5,000 00	
Gloucester	"	"	3 1-2s,	Oct. 1, 1915	10,000 00	
Troy, N. Y.	"	"	3 1-2s,	Nov. 15, 1915	2,000 00	
Weymouth	Town	"	3 1-2s,	May 1, 1916	2,500 00	
Holyoke	City	"	3 1-2s,	May 1, 1916	7,500 00	
Springfield	"	"	3 1-2s,	July 1, 1916	3,500 00	
Somerville	"	"	4s,	July 1, 1916	8,000 00	
Salem	"	"	3 1-2s,	Sept. 1, 1916	5,000 00	
Gloucester	"	"	3 1-2s,	Oct. 1, 1916	10,000 00	
West End Street Railway			4s,	Feb. 1, 1917	3,000 00	
Wellesley	Town	bonds	4s,	Mar. 1, 1917	2,000 00	
Waltham	City	"	4s,	April 1, 1917	24,000 00	
Revere	Town	"	3 1-2s,	April 1, 1917	12,000 00	
Weymouth	"	"	3 1-2s,	May 1, 1917	2,500 00	
Holyoke	City	"	3 1-2s,	May 1, 1917	7,500 00	
Salem	"	"	3 1-2s,	Sept. 1, 1917	5,000 00	
Gloucester	"	"	3 1-2s,	Oct, 1, 1917	10,000 00	
Hallowell, Me.	"	"	4s,	Jan. 1, 1918	15,000 00	
Wellesley	Town	"	4s,	Mar. 1, 1918	1,000 00	
Weymouth	"	"	3 1-2s,	May 1, 1918	2,500 00	
Holyoke	City	"	3 1-2s,	May 1, 1918	7,500 00	
Salem	"	"	3 1-2s,	Sept. 1, 1918	5,000 00	
Gloucester	"	"	3 1-2s,	Oct. 1, 1918	10,000 00	
Weymouth	Town	"	3 1-2s,	May 1, 1919	2,500 00	
Newburyport	City	"	3 1-2s,	June 1, 1919	11,000 00	
Salem	"	"	3 1-2s,	Sept. 1, 1919	5,000 00	
Boston	"	"	3 1-2s,	Oct. 1, 1919	6,000 00	
Revere	Town	"	3 1-2s,	April 1, 1920	2,000 00	
Weymouth	"	"	3 1-2s,	May 1, 1920	2,500 00	
Penobscot Shore Line R.R.Co.			4s,	Aug. 1, 1920	25,000 00	
Fitchburg R. R. Co.			3 1-2s,	Oct 1, 1920	50,000 00	
Revere	Town	bonds	3 1-2s,	April 1, 1922	7,000 00	
Quincy	City	"	4s,	May 1, 1923	2,000 00	
Quincy	"	"	4s,	May 1, 1924	1,000 00	
Rochester, N. Y.	"	"	3 1-2s,	July 1, 1924	35,000 00	
Quincy	"	"	4s,	May 1, 1925	2,000 00	
"	"	"	4s,	May 1, 1926	3,000 00	
"	"	"	4s,	May 1, 1927	3,000 00	
Attleborough	Town	"	4s,	July 1, 1927	10,000 00	
Quincy	City	"	4s,	May 1, 1928	3,000 00	
Winchester	Town	"	4s,	June 1, 1928	6,000 00	
Quincy	City	"	4s,	May 1, 1929	3,000 00	
Fall River	"	"	3 1-2s,	Nov. 1, 1929	75,000 00	
Quincy	"	"	4s,	May 1, 1930	3,000 00	
"	"	"	4s,	May 1, 1931	3,000 00	
"	"	"	4s,	May 1, 1932	1,000 00	
Newton	"	"	4s,	Aug. 1, 1935	2,000 00	
Amounts carried forward					$1,195,200 00	$270,100 00

Amounts brought forward				$1,195,200 00	$270,100 00
Newton	City bonds	4s,	July 1, 1936	11,000 00	
Grafton	Town "	3 1-2s,	July 1, 1937	1,000 00	
Old Colony R. R. Co.		4s,	Jan. 1, 1938	25,000 00	
Grafton	Town bonds	3 1-2s,	July 1, 1938	2,000 00	
Grafton	" "	3 1-2s,	July 1, 1939	2,000 00	
					1,236,200 00
					$1,506,300 00
Cash in bank					1,449 85
					$1,507,749 85

The bonded City Debt matures as follows, viz.: —

Nov. 1, 1907,	Sewer	4s	$30,000 00
Nov. 1, 1907,	Paving	3 1-2s	20,000 00
Nov. 1, 1907,	Schoolhouse	3 1-2s	9,500 00
Nov. 1, 1907,	Street	3 1-2s	11,000 00
Aug. 1, 1908,	City	3 1-2s	4,900 00
July 1, 1909,	City	3 1-2s	45,000 00
Nov. 1, 1909,	Sewer	4s	22,000 00
Nov. 1, 1909,	City	3 1-2s	32,000 00
May 1, 1910,	Sewer	4s	15,000 00
Nov. 1, 1910,	Cemetery	3 1-2s	7,000 00
Nov. 1, 1910,	City	3 1-2s	36,000 00
July 1, 1911,	Sewer	4s	15,000 00
July 1, 1911,	Clay Land	4s	50,000 00
Nov. 1, 1911,	City	3 1-2s	36,000 00
July 1, 1912,	City	3 1-2s	38,000 00
Nov. 1, 1912,	Clay Land	3 1-2s	20,000 00
Nov. 1, 1912,	City	3 1-2s	20,000 00
Aug. 1, 1913,	Clay Land	3 1-2s	10,000 00
July 1, 1914,	Clay Land	3 1-2s	17,000 00
Aug. 1, 1914,	Building	4s	118,000 00
Aug. 1, 1914,	Street	4s	30,000 00
Oct. 1, 1915,	Building	4s	60,000 00
Oct. 1, 1915,	Street	4s	60,000 00
July 1, 1916,	Building	4s	70,000 00
Oct. 1, 1916,	Street	4s	137,000 00
Oct. 1, 1916,	Building	4s	33,000 00
Oct. 1, 1916,	Sewer	4s	75,000 00
Oct. 1, 1916,	Schoolhouse	4s	6,000 00
July 1, 1917,	Schoolhouse	3 1-2s	100,000 00
Oct 1, 1917,	Harvard Bridge	4s	10,000 00
May 2, 1918,	Schoolhouse	3 1-2s	100,000 00
May 2, 1918,	Street	3 1-2s	15,000 00
June 1, 1918,	Schoolhouse	3 1-2s	50,000 00
July 1, 1918,	Harvard Bridge	4s	100,000 00
Aug. 1, 1918,	Schoolhouse	3 1-2s	142,000 00
Amount carried forward			$1,544,400 00

Amount brought forward			$1,544,400 00
Sept. 1, 1918,	Harvard Bridge	4s	100,000 00
Mar. 1, 1919,	Harvard Bridge	4s	115,000 00
July 1, 1919,	Schoolhouse	3 1-2s	42,000 00
Nov. 1, 1919,	Street	3 1-2s	5,000 00
Nov. 1, 1919,	Schoolhouse	3 1-2s	13,000 00
Nov. 1, 1920,	Harvard Bridge	4s	5,000 00
Nov. 1, 1920,	Street	3 1-2s	21,000 00
July 1, 1921,	Harvard Bridge	4s	60,000 00
July 1, 1921,	Street	3 1-2s	30,000 00
July 1, 1921,	Cambridge Bridge	3 1-2s	24,000 00
July 1, 1921,	Schoolhouse	3 1-2s	76,000 00
Nov. 1, 1921,	Public Library	3 1-2s	27,000 00
July 1, 1922,	Hospital	3 1-2s	6,000 00
July 1, 1922,	Schoolhouse	3 1-2s	86,500 00
July 1, 1922,	Street	3 1-2s	30,000 00
Oct. 1, 1922,	Schoolhouse	3 1-2s	11,000 00
Nov. 1, 1922,	Street	3 1-2s	14,000 00
Apr. 1, 1923,	Street	3 1-2s	4,000 00
Apr. 1, 1923,	Building	3 1-2s	3,000 00
Aug. 1, 1923,	Harvard Bridge	4s	10,000 00
Oct. 1, 1923,	Schoolhouse	3 1-2s	80,000 00
Nov. 2, 1923,	Street	3 1-2s	12,000 00
Feb. 1, 1924,	Park	4s	360,000 00
Apr. 1, 1924,	Building	3 1-2s	25,000 00
Apr. 1, 1924,	Schoolhouse	3 1-2s	80,000 00
May 1, 1924,	Building	3 1-2s	5,000 00
Aug. 1, 1924,	Sewer	4s	75,000 00
Sept. 1, 1924,	Street	3 1-2s	59,000 00
Nov. 1, 1924,	Building	3 1-2s	6,000 00
Nov. 1, 1924,	Schoolhouse	3 1-2s	20,000 00
Nov. 1, 1924,	Street	3 1-2s	6,500 00
May 1, 1925,	Street	3 1-2s	5,000 00
May 1, 1925,	Street	3 1-2s	50,000 00
May 1, 1925,	Street	3 1-2s	25,000 00
May 1, 1925,	Street	3 1-2s	4,000 00
May 1, 1925,	Schoolhouse	3 1-2s	20,000 00
May 1, 1925,	Schoolhouse	3 1-2s	950 00
Aug. 1, 1925,	Schoolhouse	3 1-2s	20,000 00
Oct. 1, 1925,	Sewer	4s	60,000 00
Nov. 1, 1925,	Street	3 1-2s	1,500 00
May 1, 1926,	Street	4s	100,000 00
Aug. 1, 1926,	Park	4s	100,000 00
Aug. 1, 1926,	Schoolhouse	4s	47,000 00
Aug. 1, 1926,	Street	4s	22,000 00
Oct. 1, 1926,	Park	4s	40,000 00
Nov. 1, 1929,	Sewer	3 1-2s	42,000 00
July 1, 1930,	Sewer	3 1-2s	100,000 00
Amount carried forward			$3,592,850 00

Amount brought forward			$3,592,850 00
Aug. 1, 1931,	Sewer	3 1-2s	110,000 00
Aug. 1, 1932,	Metropolitan Park Assessment	3 1-2s	46,000 00
Nov. 1, 1932,	Sewer	3 1-2s	20,000 00
Apr. 1, 1933,	Sewer	3 1-2s	40,000 00
Oct. 1, 1933,	Sewer	3 1-2s	20,000 00
May 1, 1934,	Cambridge Bridge—Special Loan	3 1-2s	28,000 00
May 1, 1934,	Sewer	3 1-2s	112,000 00
Nov. 1, 1934,	Sewer	3 1-2s	5,000 00
May 1, 1935,	Sewer	3 1-2s	90,000 00
Aug. 1, 1935,	Park	4s	100,000 00
Feb. 1, 1936,	Park	4s	100,000 00
May 1, 1936.	Sewer	4s	35,000 00
Sept. 1, 1936,	Sewer	4s	25,000 00
Sept. 1, 1937,	Park	3 1-2s	100,000 00
Nov. 1, 1937,	Charles River Improvement	3 1-2s	50,000 00
June 1, 1938,	Park	3 1-2s	50,000 00
Aug. 1, 1938,	Park	3 1-2s	50,000 00
Aug. 1, 1938,	Charles River Improvement	3 1-2s	50,000 00
July 1, 1939,	Cambridge Bridge	3 1-2s	50,000 00
Aug. 1, 1939,	Park	3 1-2s	100,000 00
July 1, 1940,	Cambridge Bridge	3 1-2s	100,000 00
July 1, 1940,	Park	3 1-2s	50,000 00
Nov. 1, 1940,	Park	3 1-2s	50,000 00
Feb. 1, 1941,	Cambridge Bridge	3s	100,000 00
Oct. 1, 1941,	Park	3 1-2s	100,000 00
Nov. 1, 1941,	Cambridge Bridge	3 1-2s	100,000 00
July 1, 1942,	Park	3 1-2s	48,000 00
Aug. 1, 1942,	Cambridge Bridge	3 1-2s	100,000 00
Jan. 1, 1943.	Cambridge Bridge	3 1-2s	50,000 00
Apr. 1, 1943,	Cambridge Bridge	3 1-2s	50,000 00
Apr. 1, 1943,	Park	3 1-2s	50,000 00
Aug. 1, 1943,	Cambridge Bridge	3 1-2s	50,000 00
Jan. 1, 1944,	Cambridge Bridge	3 1-2s	100,000 00
May 1. 1944,	Cambridge Bridge	3 1-2s	200,000 00
Aug. 1, 1944,	Cambridge Bridge	3 1-2s	100,000 00
Sept. 1, 1944,	Cambridge Bridge	3 1-2s	50,000 00
Sept. 1, 1944,	Park	3 1-2s	25,000 00
Nov. 1, 1944,	Park	3 1-2s	6,000 00
Apr. 1, 1945,	Park	3 1-2s	5,000 00
May 1, 1945,	Park	3 1-2s	30,000 00
May 1, 1945,	Park	3 1-2s	15,000 00
May 1, 1945,	Cambridge Bridge	3 1-2s	10,000 00
May 1, 1945,	Cambridge Bridge	3 1-2s	21,000 00
May 1, 1945,	Cambridge Bridge	3 1-2s	19,000 00
May 1, 1945,	Cambridge Bridge	3 1-2s	100,000 00
Aug. 1, 1945,	Park	3 1-2s	5,000 00
Dec. 1, 1945,	Cambridge Bridge	3 1-2s	100,000 00
Amount carried forward			$6,407,850 00

Amount brought forward			$6,407,850 00	
Jan. 1, 1946,	Cambridge Bridge	3 1-2s	20,000 00	
Aug. 1, 1946,	Cambridge Bridge	4s	150,000 00	
Aug. 1, 1946,	Commercial Avenue Bridge	4s	50,000 00	
Sept. 1, 1946,	Park	4s	25,000 00	
Sept. 1, 1946,	Cambridge Bridge	4s	5,000 00	
				$6,657,850 00

The bonded Water Debt matures as follows:—

May 1, 1907	3 1-2s	$12,500 00
Oct. 1, 1907	4s	90,000 00
Nov. 1, 1907	4s	22,000 00
May 1, 1908	3 1-2s	12,500 00
July 1, 1908	4s	46,000 00
Aug. 1, 1908	4s	25,000 00
May 1, 1909	3 1-2s	12,500 00
July 1, 1909	4s	20,000 00
May 1, 1910	3 1-2s	12,500 00
May 2, 1910	4s	288,000 00
July 1, 1910	4s	75,000 00
Sept. 1, 1910	4s	125,000 00
Jan. 1, 1911	4s	20,000 00
May 1, 1911	3 1-2s	12,500 00
Oct. 1, 1911	4s	35,000 00
Jan. 1, 1912	4s	150,000 00
May 1, 1912	4s	75,000 00
May 1, 1912	3 1-2s	12,500 00
Nov. 1, 1912	4s	45,000 00
Feb. 1, 1913	4s	100,000 00
May 1, 1913	3 1-2s	12,500 00
Aug. 1, 1913	4s	50,000 00
May 1, 1914	3 1-2s	12,500 00
April 1, 1915	4s	200,000 00
May 1, 1915	3 1-2s	12,500 00
Aug. 1, 1915	4s	200,000 00
April 1, 1916	4s	100,000 00
May 1, 1916	3 1-2s	12,500 00
July 1, 1916	4s	200,000 00
Aug. 1, 1916	4s	100,000 00
Oct. 1, 1916	4s	265,100 00
April 1, 1917	3 1-2s	200,000 00
May 1, 1917	3 1-2s	12,500 00
July 1, 1917	3 1-2s	100,000 00
Nov. 1, 1917	3 1-2s	75,000 00
Dec. 1, 1917	3 1-2s	140,000 00
May 1, 1918	3 1-2s	12,500 00
May 2, 1918	3 1-2s	50,000 00
June 1, 1918	3 1-2s	60,000 00
Nov. 1, 1918	3 1-2s	50,000 00
May 1, 1919	3 1-2s	12,500 00
Nov. 1, 1919	3 1-2s	23,000 00
May 1, 1920	3 1-2s	12,500 00
Nov. 1, 1920	3 1-2s	30,000 00
Amount carried forward		$3,134,100 00

Amount brought forward		$3,134,100 00	
May 1, 1921	3 1-2s	12,500 00	
July 1, 1921	3 1-2s	30,000 00	
May 1, 1922	3 1-2s	12,500 00	
July 1, 1922	3 1-2s	13,500 00	
Nov. 1, 1922	3 1-2s	5,000 00	
May 1, 1923	3 1-2s	12,500 00	
April 1, 1924	4s	300,000 00	
May 1, 1924	3 1-2s	12,500 00	
May 1, 1925	3 1-2s	12,500 00	
May 1, 1925	3 1-2s	15,000 00	
May 1, 1925	3 1-2s	26,000 00	
May 1, 1925	3 1-2s	5,000 00	
May 1, 1936	4s	280,000 00	
			$3,871,100 00

REPORT OF THE COMMITTEE ON FINANCE

The annual report of the Committee on Finance is herewith submitted it being for the financial year ending November 30, 1906.

Following is a summarized statement of the annual estimates as reported by this Committee at the beginning of the year.

ESTIMATE OF REVENUE, 1906.

City Department Account	$153,543 36
Water Department Accounts	358,000 00
Other revenue	181,617 00
Cash in Treasury December 1, 1905	166,708 92
	$859,869 58

TOTAL AMOUNT OF APPROPRIATIONS RECOMMENDED.

	Revenue.	Expenses.
City Department accounts	$153,543 36	$2,476,605 07
Water Department accounts	358,000 00	392,712 53
	$511,543 36	$2,869,317 60

GENERAL RECAPITULATION.

Total estimate of expenses as before stated	$2,869,317 60
Estimate of revenue and cash in Treasury	859,869 58
Leaving an amount to be provided for	$2,009,448 02

It was recommended to meet the foregoing requirements: —

1.— The issue of funded loans:—		
Sewer Loan	$35,000 00	
Street Loan	95,000 00	
Water Loan	280,000 00	
Bridge Loan	20,000 00	
	$430,000 00	
2.— By assessment upon the Polls and Estates of the Inhabitants of Cambridge for the current year, being the amount required for municipal expenses for the year	1,579,448 02	
		$2,009,448 02

In accordance with the foregoing estimates, the usual orders were reported February 27, 1906, viz.: —

1.— General order appropriating the various sums stated under the several heads, amounting to the sum of		$2,817,369 60	
2.— Assessment upon Polls, etc.			$1,579,443 02

LOAN ORDERS.

3.— Sewers:—General Construction	$10,000 00		
Separate System	25,000 00		
		$35,000 00	
4.— Streets:—Construction		95,000 00*	
5 — Water Works:—Construction:—			
Under Acts of 1894	$56,500 00		
Under Acts of 1897	223,500 00		
		280,000 00	
6.—Bridge Loan (December 19, 1905		20,000 00	
			430,000 00
			$2,009,448 02

Other loan recommendations made by the Committee during the financial year to meet appropriations not in the annual budget: —

1905—Dec.	19,	Brookline Bridge approach	$20,000 00
1906—Mar.	13,	School House Loan	33,000 00
May	22,	Building Loan	5,000 00
June	12,	City Loan	2,500 00
July	10,	Park Loan	25,000 00
July	31,	Street Loan	15,000 00
July	31,	Water Loan	15,000 00
July	31,	Commercial Avenue Bridge	50,000 00
July	31,	Brookline Bridge approach	5,000 00
July	31,	Cambridge Bridge	150,000 00
Aug.	17,	Sewer Loan, intercepting sewers	25,000 00
Sept.	18,	Street Loan	5,000 00
Sept.	18,	Park Loan	2,000 00
Oct.	14,	School House Loan	14,400 00
Oct.	31,	Street Loan	1,600 00
Nov.	13,	Street Loan	12,350 00
Total recommendations not included in the budget			$380,850 00

Of all the loans recommended, as above recited, bonds were issued as stated in the final monthly sheet of the City Auditor as follows: —

Brookline Bridge	$25,000 00
Cambridge Bridge	150,000 00
Commercial Avenue Bridge	50,000 00
Park	25,000 00
School House	47,000 00
Sewer	60,000 00
Street	122,000 00
Water	280,000 00
	$759,000 00

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* This was subsequently increased to $100,000.00, to include an appropriation for construction of portions of Athenæum, Second and Munroe Streets.

As customary at the close of the financial year, a sub-committee of three members of the Committee was appointed to count the cash in the City Treasury and examine the City Treasurer's accounts at the close of business on Friday, November 30. Alderman Arthur R. Henderson and Councilmen Henry C. Stetson and Russell D. Crane performed the duty. Their report is as follows : —

To the Committee on Finance : —

Gentlemen : — The Sub-Committee appointed to count and examine the cash in the hands of the City Treasurer at the close of business on November 30, 1906, would respectfully report : —

November 30, 1906. Actual cash and business checks in City Treasurer's office amounted to		$7,027 99	
Also, six certificates of deposit, showing balances at close of business November 30, 1906, to the credit of the City Treasurer, as follows :—			
1.— Harvard Trust Co. of Cambridge	$220,502 79		
Deduct from this checks not presented for payment	6,361 59		
Making net balance in above		214,141 20	
2.— Central Trust Co. of Cambridge		29,055 00	
3.— Cambridge Trust Co. of Cambridge		20,902 93	
4.— Lechmere National Bank of Cambridge		21,152 51	
5.— National City Bank of Cambridge		16,655 41	
6.— Charles River National Bank of Cambridge		14,152 40	
Making total cash on hand			$323,087 44
December 13, 1906. After the above examination by your Committee, the following additions to expenditures for the financial year of 1906 were made :—			
Weekly Pay-roll Draft, No. 200		$9,831 54	
Water Loan Sinking Fund—Surplus in receipts over expenditures of Maintenance accounts of Water Department		3,623 99	
Total of			13,455 53
Which deducted from above total of cash, shows a balance of November 30, 1906, in City Treasurer's hands of			$309,631 91
The Sub-Committee also examined the total cash receipts and expenditures, as per City Treasurer's ledger, and find the same to be as follows :—			
Cash balance from November 29, 1905		$296,589 62	
Total cash receipts for year ending November 30, 1906		4,025,251 92	
A total of			$4,321,841 54
Total cash expenditures for year ending November 30, 1906			4,012,209 63
Which deducted from total receipts shows a cash balance as of November 30, 1906, as above, of			$309,631 91

The above statement of receipts and expenditures was verified by comparison with the City Auditor's statement for year ending November 30, 1906. The Sub-Committee also examined the securities belonging to the Cemetery Fund, $71,176.08, and Sarah E. Russell Fund, $814.41, both held in trust by the City Treasurer, and find the same to be correct.

ARTHUR R. HENDERSON, HENRY C. STETSON, RUSSELL D. CRANE,	*Sub-Committee on Finance.*

The foregoing report was accepted for incorporation in the annual report.

CHARLES H. LAKE, GEORGE L. DOW, JOHN ALLEN, ARTHUR R. HENDERSON, GEORGE A. GILES, HENRY C. STETSON, HERBERT. M. CHASE, RUSSELL D. CRANE, GEORGE STEPHENS, WILLIAM M. HOGAN,	*Committee on Finance.*

REPORT OF THE BOARD OF CEMETERY COMMISSIONERS

Cambridge, December 1, 1906.

To the Honorable, the City Council: —

The Board of Commissioners of the Cambridge Cemetery respectfully submits the fifty-third annual report, the same being for the year ending November 30, 1906.

The amount appropriated at the beginning of the year was,

Salaries, $15,700 00 General Expenses, $2,300 00

The total amount of expenditures was,

Salaries, $15,397 67 General Expenses, $2,599 37

The additional appropriation required to meet the expenditure for General Expenses was secured from the City Council by a special order transferring the sum of three hundred dollars ($300.00) from the appropriation for Salary Account.

For a detailed Account of expenses, reference is made to the City Auditor's report.

The receipts of the year have been as follows: —

Burial and tomb fees	$2,873 00
Care of lots	2,158 10
Sale of lots and graves	9,709 00
Foundations, brick graves, etc.	1,709 31
Interest on Cemetery Fund	2,488 19
Sundries	626 82
Total	$19,564 42

The estimated revenue by this Board from General Account was $18,000.00. The increase of revenue over estimate was $1,564.42.

The actual increase in revenue over that of 1905 has been $1,903.50.

It is pleasing to record that the revenue account for the season of 1906 has been entirely satisfactory. After several seasons, when, despite the greatest economy and care, the expenditures would be in excess of receipts, it is worthy of note that during the season just closed the cost of maintaining the Cemetery and of the usual construction work was met within the appropriation, and was less than the amount received by $1,564.42.

In view of the established policy of the Board to keep the expense account within the receipts, the inability to do this in recent years has been an unavoidable source of regret.

The reason for the deficiency in revenue has seemed apparent to this Board and to its predecessors for the past five or six years, and due comment has been made in successive reports. An examination of the various reports will show that the decrease of revenue was due largely to decreasing amounts for sales and the general feeling of the various boards of Commissioners has been that this was chargeable to a lack of choice of burial lots.

Insufficient appropriations have prevented the work of laying out the unused portion of the grounds, although repeated recommendations have been made for specific appropriations for this purpose.

The amount received for sales during 1906 has been $9,709.00, the largest sum realized from such a source since the opening of the Cemetery in 1855 with the exception of the year 1871 when the sum of $9,736.50 was netted. Of this sum $4,019.00 came by reason of sales in the "Knoll" section, so-called, laid out last year at the corner of Rosebay and Winchester Avenues. Thirteen lots were sold in this section from a total of forty in the entire Cemetery, proving with fair conclusiveness the contention of the Board on the need of a proper choice of burial places. It is not unlikely that no lots in this section will be available after three or four years.

The Board is satisfied that the citizens of Cambridge will take advantage of an opportunity to secure a proper burial lot in Cambridge Cemetery, provided reasonable discretion will be given in the choice of that place of final abode. The one step necessary to do this is to provide a sufficient appropriation for construction work so that all remaining lands may be graded and prepared.

This Board therefore recommends for this purpose a special appropriation of the sum of $4,000.00. Such an appropriation would retain about ten additional men for six months, and leave a margin for necessary supplies. A large share of the work on the unused portion of the grounds could be completed, and persons contemplating purchase would thus be enabled to satisfy their desires of selection.

It might be well to suggest that the policy of allowing just enough appropriation to conduct the ordinary work of the Cemetery has been shown to be defective, and the money expended as herein authorized will bring a prompt return to the City Treasury.

The growing practise on the part of lot owners to place their holdings in perpetual care is to be commended. Already contracts have been made with the City to care for 553 lots, 49 of which, almost twice as many as in 1905, have been added in the past season.

The sum of $5,715.60 was received for perpetual care which brings the aggregate of the fund to $71,044.08.

All owners should place their lots within the perpetual care system, and an effort should be made for this provision at the time of purchase. By pursuing such a course, the proprietor has no further anxiety about the worthy preservation and care of his holding. The rate charged is a reasonable one and the Commissioners have always regarded the performance of the terms of the contract as a sacred trust. Needless to suggest that such undoubtedly will be the position of all future Boards.

Besides the perpetual care contracts which have been executed, orders were received to provide the usual annual care for 981 lots and graves.

From the inception of the Cemetery, it has been the policy of the Commissioners to restrict the sale of lots or graves to citizens of Cambridge, although no limitation was included in the authorizing Legislative Act.

This policy has been adhered to by successive Boards to the present time and now, more than ever, is such a policy wise and prudent, when the territory available for Cemetery uses is growing smaller each year, without any prospect of extending the Cemetery grounds except by going outside the city limits. That the greatest care should be exercised in selling only to residents of Cambridge, this Board at its meeting held in November of the present year instructed the Superintendent to specially investigate applications for the purchase of lots, and further gave authority to refuse any application where the actual residence of the applicant was not clearly determined.

The Superintendent reports the following statistics: —

Interments for 1906	527
Interments, total	27,000
Interments (Overseers of the Poor)	36
Lots sold	40
Graves sold	132
Lots ready for sale	178
Estimated value of same	$50,100 00
Graves ready for sale	36
Estimated value of same	$540 00
Foundations laid	126
Brick and slate graves made	27

Temporary Interments.

In new tomb, 4; in old tomb, 8	12

The labor roll has been maintained to the usual limit, the appropriation having been sufficient to retain the ordinary summer force until late in the fall. Unless the City Council intends to hearken to the request of the Board for sufficient funds to increase the force as herein recommended for construction work, the sum of $16,000 — practically what was appropriated during the past season — will be sufficient to carry on the ordinary work.

The laying out of the space in the vicinity of Greenwood and River Avenues has progressed as rapidly as the appropriation permitted. The low ground south of River Avenue and near Coolidge Avenue has been gradually developed and utilized for single grave interments. Four ranges, containing about 150 graves, have been graded.

This section demands very deep filling to bring to a proper grade, and therefore should receive attention many months before being needed for burials in order that the soil may be well settled before use. As this appears to be the only remaining portion of the grounds which has been plotted for single graves, much work must necessarily be done at this point during the coming season.

Year after year, the Board has requested an appropriation for the reconstruction and repair of the boundary wall. It would seem that a recital of the existing condition of the structure ought to be sufficient to secure favorable action on the part of the City Council but so far the appeal of the Commissioners has not been heeded. Only absolutely necessary repairs could be made during the year and the wall is now crumbling, so that within a brief period, it must be rebuilt or supplanted by some kind of a fence. The Board has hoped for an iron fence in continuation of the one now fronting on Coolidge Avenue as far as Winchester Avenue, and believes that the proper way to treat this structure is to rebuild it to about six inches above the grade of the street and on such a base to erect an appropriate iron fence.

Practically this same recommendation has been made in previous reports, and it is renewed here with even greater emphasis.

Attention is called to the fact that a portion of the wall must be reconstructed before certain parts of the grounds can be laid out. About $6,000.00 will complete the fence and base to the River Avenue gateway and a large portion of this sum should be provided this year.

At the October meeting of the Board, there was received from the City Council a request to lay out a portion of the Cemetery lands for the use of the Spanish War Veterans, and also to prepare a sketch of the vacant land lying northwesterly from the present burial lot of the Soldier and Sailor dead, near the entrance to the Cemetery.

This matter is an important one from several points of view, and the Commissioners have already considered one sketch, and have authorized the preparation of a second in order to secure the best results.

A report of the decision of the Board will be submitted at an early date.

In the vicinity of Meadow and Summit Avenues, there has remained a tract of land hitherto unused. Appreciating the advisability of utilizing all land not positively required for other uses, the Board has caused this section to be laid out into eight lots of convenient size and proportion, the selling value of which is $1,750.00. These lots should bring a ready sale as the location is a most desirable one.

The need for some system of drainage in the southwesterly extremity of the grounds was so apparent to this Board that a request was made to the City Council for a special appropriation to provide for the construction of a suitable drain. Heretofore this part of the Cemetery has suffered from the overflow of surface water from Coolidge Avenue, and no effort has been made to overcome this objection until it became necessary to lay out the grounds for burial uses. After experimenting with various methods of overcoming the difficulty, it was deemed imperative to install a system of drainage which would not only be sufficient to carry away the surface accumulation from Coolidge Avenue, but also to remove the flow of water from the ground itself, which at this point was damp and of a springy nature. Consultation with the City Engineer led to the construction of a "pipe drain" with needful connections, supplemented by a system of dry drains, which, it is expected, will remedy the causes of complaint.

The work was conducted by the Sewer Department at a cost of $1,767.41, for which a special appropriation was granted by the City Council.

Because of continued illness, on June 28 the resignation of Mr. Henry C. Hobbs, as foreman at the Cemetery, was received, and the same was accepted to date from July 1. In thus tendering his resignation Mr. Hobbs closed an active, honorable service in the Department of seventeen years, during which he had the confidence and respect of the several Boards in charge.

JOHN LYNCH,
WILLIAM A. BERTSCH,
GUSTAVE WILSON,
HERBERT A. CHASE,
SAMUEL USHER,
JOHN S. CLARY,
Commissioners.

REPORT OF THE TRUSTEES OF THE CAMBRIDGE PUBLIC LIBRARY

To the Honorable, the City Council of the City of Cambridge: —

The trustees of the Cambridge Public Library respectfully submit their forty-ninth annual report, covering the year ending November 30, 1906.

A detailed statement of the work of the past year will be found in the librarian's report, to which your attention is invited. Some features of the work, however, the trustees deem worthy of your special consideration, and a brief mention of them will find a place in this report.

Since the completion of the present building in 1889 no large expenditure for repairs has been necessary. As time goes on, however, the wear and tear becomes more evident and expense must be incurred for the suitable appearance of the building, if not indeed for its preservation. It is the hope of the trustees that the interior of the building may be thoroughly renovated during the coming year. An inspection of the wood work shows that this is urgently needed. Repair of the main entrance and placing a desk for the librarian in the delivery room are also matters demanding attention. The recommendation of last year for a sufficient appropriation to prepare a room for books relating to the fine arts and music is renewed.

As a means of increasing the circulation of books the traveling library is of value in sections of the city remote from the main library. It is to be noted, however, that the books now comprising these collections have almost completed the circuit and must therefore be replaced by new ones. Such of the old ones as will bear rebinding might find a permanent location at the North Cambridge branch library. The extension of the traveling library to clubs, schools, social organizations, etc., has given great satisfaction, but progress in this direction must be restricted unless a new supply of books shall be obtained.

The trustees continue to believe that the most important work of the library in the next few years is that which is intended for the special benefit of children. The plan of co-operation with the schools has been sufficiently tried to demonstrate its importance. The spirit of the school authorities and the eagerness of the school children are alike commendable, but it is futile to create a demand for books unless an adequate supply is provided. In addition to a large number of reference books which are required as aids to school work, the need of light, pleasant, juvenile literature is apparent at the main library and at the branches.

The opening of a branch library at North Cambridge was an event of much interest to the citzens of that section. The total circulation for the first month was largely in excess of anticipations and much beyond the capacity of the branch itself. This emergency was met by the loan of several hundred volumes from the main library and the employment of two extra attendants. If the first month is a fair index of the future, it is evident that a large number of books must be purchased at once, otherwise the very great interest now manifested in the branch will be lost. The trustees express their appreciation of the excellent work of Mr. Tracy, Superintendent of Public Buildings, in designing the room and its furnishings.

Interest in the East Cambridge branch library also would be greatly stimulated by the purchase of a number of new books and by the rebinding or renewal of the old ones. It should be understood that deterioration in the physical condition of the books is an unavoidable result of constant use and that when a book loses its inviting appearance it is apt to lose also its usefulness. The trustees renew their request that the appropriation be sufficient to provide for a new floor in this branch.

That section of the city lying east of Prospect Street and south of Cambridge Street is at present but poorly supplied with library facilities. In the opinion of the trustees a well equipped branch library is needed near Lafayette Square. If this cannot be afforded a number of local stations should be established throughout the district.

By the appointment of Miss Ellen M. Hayes to the care of the North Cambridge branch library, and by the resignation of Miss Florence C. Hicks, two vacancies in the staff were created during the past year. These were filled by the subsequent appointment of Miss Louise Brennan and Miss Edith E. Sherman. In addition, Roy R. Perkins was appointed assistant and Miss Eva F. Magee special cataloguer. The trustees commend the work of the librarian and of each member of his staff of assistants.

EUGENE A. McCARTHY,
WILLIAM TAGGARD PIPER,
ALBERT M. BARNES,
EDWARD C. WHEELER,
GEORGE F. McKELLEGET,
EDWARD P. COLLIER,
JOHN BUCKLEY.

REPORT OF THE LIBRARIAN

Cambridge, Mass., November 26, 1906.

To the Trustees of the Cambridge Public Library: —

Gentlemen: — I herewith submit the following report of the work of the library for the past year: —

STATISTICS OF CIRCULATION.

The library has continued its growth in most departments, as may be seen from the statistics in Appendix I. The total circulation for the year is 241,795, as against 228,779 last year, an increase of just over 13,000. The large increase of last year over that of the previous year has been maintained and added to by a little more than one-third. The count for the main library reached a total of 146,303, as against 145,470 for last year, showing a small increase of 1,488 for the adult circulation, the totals being 111,184 and 109,696, and a slight decrease of 655 for the children's room, the totals being 35,119 and 35,774. The main library shows a commendable decrease of over five per cent in the circulation of fiction as compared with last year, and the total circulation of fiction is unusually small, being only a little more than that of non-fiction (55 per cent). The local and deposit stations have fallen off some 6,000, 14,135, as against 20,290. As interesting offsets the traveling libraries have gained about 3,000, the figures being 13,117 and 10,368, and the school delivery about 8,000, 24,492, as against 16,430. The East Cambridge branch library registers a considerable increase of nearly four times that of last year over the previous year. By a curious coincidence the increase for this branch figures just 67 more than the total circulation at the new branch in North Cambridge, 3,797, as against 3,730.

NORTH CAMBRIDGE BRANCH LIBRARY.

The opening of this new branch has proved to be the most important event of the year. After several years of persistent struggle the residents of North Cambridge have gained in part at least, their object. Special credit is due to the efforts of Councilman Joseph P. Quilty, in introducing the original motion; to Alderman Arthur R. Henderson, in proposing a definite, although small appropriation; to Mayor Thurston, in carrying out the plan of the front extension of the building; and to Superintendent

Thomas F. Tracy for his professional attention to the details of its reconstruction. After several unexpected delays and postponements the new branch was opened to the public, Monday, November 5. It occupies one large room on the second floor of the remodelled Police Station No. 4, having a location similar to that of the East Cambridge branch library in the building of Police Station No. 3. Owing to the smallness of the appropriation only a meagre showing of books could be made at the start, and only the bare necessities of equipment could be provided. This equipment, however, is modern in detail and satisfactory in most respects, with electric lighting for the five long tables and the ceiling, and combination electric and gas lighting for the walls and hallway, with registration desk and assistant's private office, with ample shelving along three sides of the room, and with woodwork and walls of light color and attractive general appearance.. The new assistant in charge is Miss Ellen M. Hayes, whose previous experience of more than four years at the delivery desk of the main library will be of great service in the development of the branch. Its popularity has exceeded all expectations. The room has been crowded afternoon and evening, to such an extent that two and sometimes three assistants have been called for. A circulation approaching 4,000 within three weeks from the time of opening, with an inadequate supply of books, is evidence that the new branch is straining every effort to supply a long felt need. Its full magazine list helps to make amends in its separate capacity as a reading room. The main library, moreover, afforded temporary relief by giving to the new branch a considerable number of duplicates, and by loaning outright special lots of its own books, new and old, to the number of more than 600, two-thirds of them being juvenile. Permanent relief can come only through a large increase in the appropriation foı the next year. As in East Cambridge the chief attendance has been juvenile, and the crowding of the children has inevitably affected the attendance of adults.

EAST CAMBRIDGE BRANCH LIBRARY.

The older branch library has a steady record of progress to show, as indicated by the increase of circulation noted in the introductory statistics. For the last half year the assistant in charge, Miss Mary Curtis, has had an extra burden of clerical work, but she has kept it well in hand, even with only one assistant for a part of the time. The branch, like the main library, continues the benefit of membership in the Library Art Club. The need of a larger supply of new books and of a renovation of the furniture of the room becomes more and more apparent.

TRAVELING LIBRARIES.

The traveling libraries continue to provide new features of interest. The smaller traveling library of 25 books, as established a year ago at the headquarters of the Douglas Club, was, by request, made the basis of two new traveling libraries, which were sent out to the Prospect Union and the Cambridge Catholic Union, the three forming Nos. 13–15 in the series. A next desirable step will be the addition of 25 juvenile books to each of the larger, general collections, making each collection then number 100 books. During the summer the total count for the traveling libraries passed, for the first time, that for the regular local delivery by a large margin, a striking contrast with the figures for a year ago, which stood just about the other way. Owing to the fact that these traveling libraries have remained the same during the past year and a half, their novelty has worn off, and in their present form their popularity cannot be expected to continue unabated. New books must be added to them, and the older books, as they become worn out, must be replaced or discarded for later ones. In spite, however, of the fact that much less could be done for the traveling libraries this year than last, a steady increase has been recorded, which is shown in the statistics above.

LOCAL STATIONS.

The local stations have fallen off in popularity as the traveling libraries have gained. A comparison of statistics shows the station at Mr. Hunnewell's again far in the lead over all the other stations, with a count of 3,385 for the local delivery. Gove's station stands second with 1,485, Murphy's third with 1,145, and Kidder's last with 127. In the count for the traveling libraries Hunnewell's station also leads with 2,046, but Martin's comes near his, with 1,802, and Murphy's and Dow's are close behind, with 1,786 and 1,615 respectively. At the foot of the list stands Gove's station with only 410; next lowest is Yerxa's with 509. The control of the latter station changed, early in the year, to M. F. McGrath. The nearness of Hunnewell's station to the new North Cambridge branch has led to its absorption by the latter. With the fiscal year terminates the service of Mr. Hunnewell as local agent of the most successful station in the city, and the loss of his active interest in this service will be for a long time felt and regretted. The need of supplying another part of the city, the section below Inman square, with more local delivery stations ought again to be considered. At present the only local delivery for this large section is the East Cambridge branch library.

DEPOSIT STATIONS.

The local stations and traveling libraries have stimulated calls for books from two more social organizations, the Neighborhood House, at

79 Moore Street, corner of Harvard Street, and the Cambridge Social Union at 42 Brattle Street. The latter carried for some time one of the larger traveling libraries, and might well be made a regular local station, in view of the fact that it has its own staff and can take the service free of charge to the library. Two city organizations, the Hook and Ladder No. 4 and Engine No. 6, have become depositories of small collections of 12 books each, the exchanges of books being made at the wish of the men of each fire station. It is hoped that more of the fire stations may apply for deposits of books within the coming year.

CO-OPERATION WITH THE SCHOOLS.

An increase of one-third in the count for the school delivery is encouraging testimony to the progress made during the past year. The lead in circulation has passed from the Putnam school to the Roberts school, with a count of 3,020, the Morse, Shepard, Webster, and Putnam schools standing next in line, with counts ranging from 2,390 to 2,110. Of the public schools the Harvard school stands at the foot of the list, with 566. Three new Parochial schools have been added to the school delivery, the French school of Notre Dame de Pitié, in North Cambridge, and those of St. Peter and St Paul, the first with a count of 413, and the two latter being enrolled too late in the year for any considerable record.

By arrangement with the superintendent of schools, Mr. William C. Bates, and the principals of the grammar schools, all the pupils of the ninth grade came to the library for special instruction by the librarian and the children's librarian in the use of the card catalogue and of reference books, as well as for an inspection of all departments of the library itself. For these talks the local history rooms were made available, folding chairs being bought for this special purpose, in addition to the number taken from the children's room below. These visits extended from January 5 to January 25, averaging four each week, lasting an hour and a half, and most of them coming at the close of the afternoon session. Following the public schools came two divisions of the Parochial school of St. Mary's, by arrangement with its principal, Rev. Michael J. Doody. Later, the librarian gave, by request, a special talk before the girls of the Gilman private school. By a modification of the details of this plan of instruction the high schools might well be included, and the talks, as given a few years ago by our head assistant, Miss Etta Lois Russell, might in some form be resumed.

MAIN LIBRARY.

At the main library a new registration of card-holders was begun early in the summer, and is now carried well along. The previous registration having been made about five years ago, and the form of thin paper slip used for it having been found unsatisfactory, a change was made to cards of regular library size. For more convenient filing of these cards two new cases, of twelve trays each, were provided and placed on the broad shelf at the back of the delivery desk.

This work of re-registration was increased by the requirement of a second set of cards, in addition to the original set for the borrowers' names and addresses. This was the first step in making the change from the old slip charging system to the so-called "Newark" system, the latter having several advantages in respect to economy of time in the service which will appeal especially to the public. The old call-slip for book numbers has been replaced by another of the same size, but with the further advantage of being returned to the borrower along with the card and the book as charged.

The cataloguing department, in addition to its regular routine of work, completed, in the summer, a readjustment of all the cards of the main card-catalogue, with new alphabetical labels, for the instalment of a new cabinet of 60 trays, the fourth in number for the main delivery room. With the help of a second assistant cataloguer the work of re-cataloguing the old books in the basement of the stack, which have so long been available only through the old printed catalogue and its supplements, will be carried on more rapidly than before. Books in foreign languages have received special attention and a separate card-catalogue is being made for them in place of the old printed supplement.

In connection with the monthly Bulletin have been issued several lists of books of unusual interest and importance, the most notable being the supplement on "Books, pamphlets, etc., relating to Cambridge," the contribution from the library to the commemoration, by the Cambridge Historical Society, of the 275th anniversary of the settlement of the city, December 21, 1905. Other lists were: "Reading list on Benjamin Franklin," in connection with the 200th anniversary of his birth, for the January Bulletin; "List of books on Forestry and Trees," for the March issue; "List of books on Gardening," for the May issue; those of "Fifty recent books for older boys," for the September issue, prepared by request for pupils of the Rindge Manual Training School, and of "Fifty recent books for older girls," for the October issue, prepared for pupils of the high schools. These last two lists were designed to bridge over the gap between the juvenile and the adult age, the books being placed on special shelves in the main delivery room, rather than in the children's room.

Six new appointments to positions on the staff of the main library went into effect within the year, in order: in December, 1905, Roy R. Perkins, assistant in the local room and the stack, in place of Alfred E. Thayer, resigned, and Florence C. Hicks, general assistant; in June, 1906, Eva Ferris Magee, second assistant cataloguer, and Louise Brennan, desk assistant in place of Ellen M. Hayes; in October, 1906, Edith E. Sherman, general assistant, and Theresa L. Burke, substitute assistant. An assistant janitor, Michael Lowry, began service in June. The place of Miss Hicks, who resigned in June, was filled by Miss Sherman. The appointment of Miss Hayes as assistant in charge of the North Cambridge branch library was made in June, in order that she might assist in the work of preparation for the opening of the branch. Even with these additions to the staff, the work has more than kept pace, being much increased by the re-registration, the change of charging system. and during the last month by the excessive demands of the new branch library.

MISCELLANEOUS.

The library is reaching out in a new way by its response to the request to hold in the trustees' room the meetings of the council of the Cambridge Historical Society, and some of the meetings of the Hannah Winthrop chapter of the Daughters of the American Revolution, and the Cambridge room is to be made the depository of their books, pamphlets, and other material. In the trustees' room have been held also the preliminary meetings of the special committee in charge of the commemoration of the centennial of the birth of Henry Wadsworth Longfellow, February 27, 1907.

An interesting exhibit of bookbinding processes and materials, prepared by the Newark Public Library, was shown in the Cambridge room for the three weeks following October 24. By arrangement with Superintendent Bates two delegates from each grammar school visited the library for instruction by the librarian in the ordinary processes of bookbinding, with the exhibit as an object lesson, on which they were to make a report to their schools. By arrangement with the principal of the Rindge Manual Training School, Mr. Charles H. Morse, three afternoons were set aside for his pupils to inspect the exhibit under the guidance of the librarian.

Acknowledgment is hereby made by the librarian of his full appreciation of the cordial co-operation of both trustees and staff in his administration of the work of the library throughout the past year.

Respectfully submitted,

CLARENCE W. AYER,
Librarian.

APPENDIX I

GENERAL STATISTICS.

Total number of volumes in the library (including branches)	73,393
Volumes in East Cambridge branch	2,420
Volumes in North Cambridge branch	395
Volumes added during 1906	5,791
Volumes condemned	1,613
Duplicates exchanged	2
Volumes destroyed on account of contagious diseases	53
Volumes lost, main library, (adult 172; juvenile 775)	947
Volumes lost, East Cambridge branch	163
Volumes lost by fire	8
Volumes bound	3,400

CIRCULATION.

	Main library, including children's room.	Local, including branch libraries.	Schools.	Total.
First Quarter	42,397	19,848	5,029	67,274
Second Quarter	39,722	17,081	5,396	62,199
Third Quarter	29,623	12,994	9,965	52,582
Fourth Quarter	34,561	21,077	4,102	59,740
Total	146,303	71,000	24,492	241,795

Average per day, main library	481
Largest issue, main library, February 24	1,126
Smallest issue, main library, June 22	233
Average per day, children's room	115
Largest issue, children's room, March 10	282
Smallest issue, children's room, March 15	36
Booklovers Library	2,550
Tabard Inn Library	1,492
Books from the stack used for reference	9,479
Re-registered card-holders	9,700

CLASSIFIED CIRCULATION: MAIN LIBRARY.

CLASSES.	General Works.	Philosophy.	Religion.	Sociology.	Philology.	Science.	Useful Arts.	Fine Arts.	Literature.	History and Description.	Biography.	Magazines.	Fiction.	Total.
Circulation	4,174	1,671	1,478	3,737	450	2,609	3,182	4,308	8,820	9,002	4,443	6,633	60,677	111,184
Per cent	.038	.015	.013	.034	.004	.023	.029	.039	.079	.081	.039	.060	.546	1.000

CLASSIFIED CIRCULATION: CHILDREN'S ROOM.

CLASSES.	General.	Philosophy.	Religion.	Sociology.	Science.	Useful Arts.	Fine Arts.	Literature.	History, etc.	Biography.	Magazines.	Fiction.	Total.
Circulation..	99	14	256	534	772	336	332	725	3,894	715	141	27,301	35,119
Per cent.....	.003	..	.007	.015	.022	.010	.010	.021	.111	.020	.004	.777	1.000

SCHOOL CIRCULATION.

Ellis.	Fletcher.	Harvard.	Houghton.	Kelley.	Morse.	Peabody.	Putnam.	Roberts.	Russell.	Shepard.	Sleeper.	Taylor.	Thorndike.	Webster.	Wellington.	Notre Dame.	St. Mary.	St. Paul.	St. Peter.	Total.
1,061	849	566	1,406	1,136	2,390	1,318	2,110	3,020	1,531	2,364	1,278	447	753	2,275	573	413	910	..	92	24,492

[LOCAL DELIVERY. See Next page.]

EAST CAMBRIDGE BRANCH LIBRARY.

General circulation from branch	40,018
Local delivery through branch, tabulated on next page	360
Combined totals	40,378

NORTH CAMBRIDGE BRANCH LIBRARY.

General circulation from branch	3,533
Local delivery through branch, tabulated on next page	105
Traveling library	197
Combined totals	3,835
Total circulation from branch alone	3,730

ADDITIONS (INCLUDING REPLACED BOOKS).

Source ..	City appropriation.	Citizens' Subscription fund.	Cummings fund.	Fay fund.	William E. Saunders fund.	James A. Woolson fund.	Gifts.	By exchange.	Total.
Books ...	5,380	25	14	15	44	96	215	2	5,791

LOCAL DELIVERY.

(INCLUDING BRANCHES AND TRAVELING LIBRARIES.)

Local stations and branches....	Conley.	Dow.	E. Camb. br.	Gove.	Hunnewell.*	Kidder.	Lombard.	McGrath.	Martin.	Murphy.	Nelson.	No. Camb. branch.†	Phillips.	Deposit Collections.	E. Camb. br.	N. Camb. br. including Tabard Inn and Booklovers.	Catholic Union.	Douglas Club.	Prospect Union.	Social Union.	Total.
Local delivery.....	448	1,080	360	1,435	3,385	127	1,291	1,009	302	1,145	585	105	574	2,289	40,018	3,533	......	.....	.....	......	57,686
Traveling libraries	753	1,615	......	410	2,046	777	993	1,802	509	1,786	901	197	1,055	......	....	....	175	126	38	131	13,314
Totals...........	1,201	2,695	360	1,845	5,431	904	2,284	2,811	811	2,931	1,486	302	1,629	2,289	40,018	3,533	175	126	38	131	71,000

* Discontinued November 5.

† Added November 5.

APPENDIX II

CITY APPROPRIATION.

Salaries.

Appropriation (by transfers decreased from $11,000)	$10,585 00
Expended	10,584 75
Amount unexpended	$0 25

General Expenses.

Appropriation (by transfer increased from $11,000)	$11,130 00

Expenditures.

Binding	$1,149 22	
Books and periodicals, general	4,824 71	
Books for schools	473 11	
Traveling libraries	194 57	
Bulletin	429 50	
Fuel	511 05	
Furniture	329 34	
Incidentals	622 67	
Insurance	198 00	
Lighting	860 22	
Local stations	879 72	
Printing, postage, and stationery	545 77	
Repairs	111 27	
		$11,129 15
Amount unexpended		$0 85

APPROPRIATION FOR EAST CAMBRIDGE BRANCH LIBRARY.

Salaries.

Appropriation	$892 00
Expended	891 30
Amount unexpended	$0 70

General Expenses.

Appropriation	$1,000 00

Expenditures.

Binding	$107 87	
Books and periodicals	676 81	
Furniture	28 00	
Incidentals	94 33	
Lighting	92 14	
		$999 15
Amount unexpended		$0 85

APPROPRIATION FOR NORTH CAMBRIDGE BRANCH LIBRARY.

Appropriation	$1,100 00
By transfer from salaries, main library	285 00
	$1,385 00

Salaries.

Expended	$321 46

General Expenses.

Books and periodicals	$304 70	
Furniture	470 25	
Incidentals	64 40	
Lighting	223 61	
		$1,062 96
Total		$1,384 42
Amount unexpended		$0 58

AMOUNTS RECEIVED FROM FINES, ETC., AND DEPOSITED WITH THE CITY TREASURER.

Fines, Etc.

First quarter	$205 00
Second quarter	195 00
Third quarter	152 00
Fourth quarter	142 04
Total	$694 04

APPENDIX III

FUNDS OF THE TRUSTEES.

CITIZENS' SUBSCRIPTION FUND.

Balance, December 7, 1905		$14 85
Interest on daily balance		4 71
Interest on bonds		220 00
		$239 56
Expenditures.		
Cambridge Trust Co.	$10 00	
T. H Castor	80	
Cunningham Bros.	20 00	
L. Edmunds	5 00	
Charles Evans	15 00	
Little, Brown & Co.	147 50	
George E Littlefield	1 80	
T. F. McGann & Sons Co.	18 00	
Otis Wood Works	1 50	
		219 60
Balance on hand, December 8, 1906		$19 96

CUMMINGS FUND.

Balance, December 7, 1905		$0 60
Interest on bond		80 00
		$80 60
Expenditures.		
Dodd, Mead & Co.	$20 25	
Little, Brown & Co.	58 00	
		78 25
Balance on hand, December 8, 1906		$2 35

FAY FUND.

Balance, December 7, 1905		$7 82
Interest on bonds		35 00
		$42 82
Expenditures.		
Little, Brown & Co.	$21 85	
George E. Littlefield	5 40	
University of Chicago	12 76	
		40 01
Balance on hand, December 8, 1906		$2 81

WILLIAM E. SAUNDERS FUND.

Balance, December 7, 1905		$67 10
Interest on bonds		245 00
		$312 10

Expenditures.

Frances L Hosmer	$1 35	
Little, Brown & Co.	9 22	
George E. Littlefield	113 32	
Massachusetts Historical Society	3 00	
Massachusetts Society of Mayflower Descendants	2 00	
Medford Historical Society	1 00	
New-England Historic Genealogical Society	38 00	
Otis Wood Works	1 50	
Eben Putnam	5 00	
Somerville Historical Society	1 00	
Mrs. E. Whitefield	18 00	
		193 39
Balance on hand, December 8, 1906		$118 71

JAMES A. WOOLSON FUND.

Balance, December 7, 1905		$5 34
Interest on bonds		175 00
		$180 34

Expenditures.

Oliver Ditson Co.	$94 55	
J. H. H. McNamee Co.	75 09	
		169 64
Balance on hand, December 8, 1906		$10 70

The principals of the above funds are as follows:

Citizens' Subscription Fund	$5,500 00
Cummings Fund	2,000 00
Fay Fund	1,000 00
William E Saunders Fund	7,395 59
James A. Woolson Fund	5,000 00
	$20,895 59

WILLIAM TAGGARD PIPER,
Treasurer.

APPENDIX IV

Gifts.

	V.	P.
Abbot Public Library, Marblehead		1
Abbott, Edward		1
Adriance Memorial Library, Poughkeepsie, N. Y.		1
Allen, George W., East Bridgewater		1
Allison, Mrs. George A.	2	
American Congregational Association, Boston		1
American Irish Historical Society, Boston	1	
Ames, Mrs. James Barr	3	
Amherst College		1
Ancient and Honorable Artillery Company of Massachusetts	1	
Andover Theological Seminary		1
Apprentices' Library Company, Philadelphia, Pa.		1
Association of Officials of Bureaus of Labor Statistics of America		1
August, Albert	1	
Bangor (Me.) Public Library		1
Barnard College, New York, N. Y.		1
Bates, William Carver		1
Bates College, Lewiston, Me.		1
Belmont Public Library		1
Bennett Fund, Trustees of, Boston	1	
Bigelow Free Public Library, Clifton		1
Billings, John D.	9	
Blodgett, Emma F.	1	
Boston, City of	4	2
Boston: —		
Association for the Relief and Control of Tuberculosis		1
Children's Friend Society		1
Health Education League		4
Home Market Club		2
New England Modern Language Association		1
Photographers' Association of America		1
Boston Public Library	2	2
Boston Transit Commission	1	
Boston University		1
Bostonian Society		1
Bowdoin College, Brunswick, Me.		1
Brockton Public Library		1
Brookline Public Library		1
Brooklyn (N. Y.) Public Library		1
Brown University, Providence, R. I.	1	1
Bryn Mawr (Pa.) College		1
Bunker Hill Monument Association	1	
California. Society of Colonial Wars		1
Cambridge, City of	4	
Cambridge: —		
Anti-Tuberculosis Association		2
Associated Charities		1
Avon Home		1
Civil Service Reform Association		8
East End Christian Union		10
First Church of Christ, Scientist	3	
Holy Ghost Hospital for Incurables		8
Mt. Auburn Cemetery	4	32

	V.	P.
St. James Church		1
School for Nursing		1
Social Union		4
Visiting Nursing Association		1
Young Women's Christain Association		12
Cambridge Chronicle	1	
Canton Public Library		1
Carnegie Library, Nashville, Tenn.		1
Carnegie Library, Pittsburg, Pa	1	1
Chelsea Public Library		1
Chicago (Ill.) Bureau of Statistics	1	
Chicago (Ill.) Public Library		1
Cincinnati (Ohio) Public Library		1
Clark University, Worcester		1
Clemson Agricultural College, South Carolina		4
Cleveland (Ohio) Public Library		1
Collier, Edward P.		1
Colorado College, Colorado Springs, Col.		1
Columbia University, New York, N. Y.		1
Columbus (Ohio) Public School Library		1
Concord (N. H) Public Library		1
Connecticut. Bureau of Labor Statistics, Meriden, Conn.	1	
Connecticut State Geological and Natural Survey, Hartford, Conn.		3
Cornell University, Ithaca, N. Y.		1
Crowley and Lunt, Publishers, Portland, Me.	1	
Dana, Elizabeth E.	5	
Dana, Richard Henry		1
Dartmouth College, Hanover, N. H.		1
Daughters of the American Revolution. Hannah Winthrop Chapter		1
Davenport (Iowa) Public Library		1
Davis, Andrew McFarland		5
Dayton (Ohio) Public Library and Museum		1
Deseret Evening News Company, Salt Lake City, Utah	1	
District of Columbia Public Library, Washington, D. C.		1
Dougherty, Harold T., Washington, D. C.	1	
Dover (N. H) Public Library		1
Drexel Institute, Philadelphia, Pa.		1
Edinburgh (Scotland) Public Library		1
Enoch Pratt Free Library, Baltimore, Md.		1
Episcopal Theological School		1
Equitable Life Assurance Society. Policy-Holders Protective Committee, Boston		1
Erie (Pa.) Public Library		1
Evarts, Prescott		3
Fall Hollow Stay Bolt Company, Cuyahoga Falls, Ohio		1
Fall River Public Library		1
Falmouth Free Public Library		1
Fisk, Mr. *and* Mrs. James Chaplin	3	
Fisk Free and Public Library, New Orleans, La.		1
Fitchburg Public Library		1
Fletcher Free Library, Burlington, Vt.		1
Forbes Library, Northampton		1
Framingham State Normal School		2
Freese, John Wesley	1	
Goldberger, Herman, Boston	1	
Gozzaldi, Mrs. Mary I. (James)	1	1
Grand Rapids (Mich.) Public Library		1
Green, Samuel A., Groton	3	2
Greenfield Public Library		1
Gurney, Ephraim W., *Heirs of*	6	
Hamilton (Canada) Public Library		1
Harris, Charles N.	1	

	V.	P.
Harvard University Library	1	2
Haverhill Public Library		1
Hebrew Union College, Cincinnati, Ohio		1
Higginson, Thomas Wentworth	1	24
Hildreth, John L		1
Hoboken (N. J.) Free Library		1
Houghton, Mifflin & Company	1	
Hyde Park Public Library		1
Indian Rights Association, Philadelphia, Pa.		2
Iowa, Historical Department of, Des Moines, Iowa	1	
Jacksonville (Florida) Free Public Library		1
John Crerar Library, Chicago, Ill.		2
Johns Hopkins University, Baltimore, Md.		1
Kansas State Board of Agriculture, Topeka, Kan.		1
Kimball, John E , Oxford, Eng.		1
Lake Mohonk (N. Y.) Conference on International Arbitration		1
Lancaster Town Library		1
Lane, William Coolidge		1
Lawrence Free Public Library		1
Lee, G W., Dorchester		1
Lee, Ivy L., New York		6
Leland Stanford Junior University, Palo Alto, Cal.		1
Leominster Public Library		1
Lewis and Clark Centennial Exposition, Portland, Ore.		1
Lexington (Ky.) Public Library		1
Leyton (Eng.) Urban District Council Public Libraries		1
Little, Brown & Company	1	
Lochman, Harriet Deane	1	
Lombard, L.	1	
Los Angeles (Cal) Public Library		1
Louisville (Ky.) Free Public Library		1
Lowell City Library		1
Lynn Public Library		1
McCall, Samuel W., Washington, D. C.	1	1
McIntire, Charles J	1	
Malden Public Library		1
Manchester (N. H.) City Library		1
Mangan, John J., Lynn	1	
Marvin, Frederic Rowland	1	
Massachusetts, Commonwealth of	37	10
Massachusetts :—		
Agricultural College. Hatch Experiment Station, Amherst		1
Civic League		1
Civil Service Commission, Boston		1
College of Pharmacy		1
Infant Asylum, Brookline		1
Total Abstinence Society		2
Massachusetts Historical Society	1	
Massachusetts State Board of Charity	1	1
Medford Mercury, Medford	1	
Merchants' Association of New York, N. Y.		4
Merriam, William R., Washington	1	
Metropolitan Museum of Art, New York, N. Y.		1
Metropolitan Park Commission, Boston	1	
Miller, Lawrence G	1	
Milton Public Library		1
Minneapolis (Minn.) Public Library		1
Moore, Albert Hanford		1
Möring, Mrs. Anna Louisa	1	
Morrill, Frank P.	1	
Mount Holyoke College, South Hadley		1
Museum of Comparative Zoology		1

	V.	P.
Museum of Fine Arts, Boston		4
National Civil Service Reform League, New York, N. Y.		1
National Education Association, Winona, Minn.	1	4
New Bedford Free Public Library		1
New Haven (Conn.) Free Public Library		1
New York (N. Y.). Department of Education		1
New York (N. Y.), City Club of		1
New York (N. Y.) College of Dental and Oral Surgery		1
New York (N. Y.) Public Library	1	
New York (N. Y.) State Chamber of Commerce	1	
New York State Library, Albany, N Y.	3	2
New Zealand Tourists and Health Resorts Departments, Wellington, N. Z.	1	
Newark (N. J.) Free Public Library		1
Newcomb, H. T., Washington, D. C.		1
Nickerson, William P.	1	
North, S. N. Dexter, Washington, D. C.	5	
Northampton Public Library Committee		1
Oberlin (Ohio) College Library		1
Oregon Library Commission, Salem, Ore.		2
Osaka (Japan) Library		1
Osterhout Free Library, Wilkes-Barré, Pa.		1
Paine, Mrs. James K.	1	
Paine, Robert Treat, Boston	1	
Parlin Library, Everett		1
Paterson (N J.) Free Public Library		1
Peoria (Ill.) Public Library		1
Philadelphia (Pa.) Free Library		1
Phillips, S. L.	1	
Phillips Exeter Academy, Exeter, N. H.		1
Portland (Me.) Public Library		1
Portland (Ore.) Library Association		1
Pratt Institute Free Library, Brooklyn, N. Y.		1
Princeton (N. J.) University		1
Providence (R. I.) Public Library		1
Public Reservations, Trustees of, Boston		2
Radcliffe College		1
Reading (Pa.) Public Library		1
Redwood Library and Athenæum, Newport, R. I.		1
Reynolds Library, Rochester, N. Y.		1
Robbins Library, Arlington		1
Rockford (Ill) Public Library		1
Rogers, Miss H. B.	1	
Russell, Etta Lois		2
St. Louis (Mo.) Mercantile Library Association		1
Salem Public Library		1
Sargent, Frederick Leroy	1	5
Saunders, George S.	1	
Schiff, J. H.	1	
Scott, W. D., Ottawa, Canada		1
Scott, Walter, Somerville		15
Scranton (Pa.) Public Library		1
Seattle (Wash.) Public Library		1
Sedalia (Mo.) Public Library		1
Sewell, Florence E.		4
Shaler, Nathaniel Southgate	5	
Shannon, Richard C.	1	
Shute Memorial Library, Everett		1
Silas Bronson Library, Waterbury, Conn.		1
Simmons College, Boston		1
Smith, Mrs Anna B.		1
Smith College, Northampton		1
Smithsonian Institution, Washington	5	7

	V.	P.
Society for the Protection of the New Hampshire Forests, Concord, N. H.		1
Soldiers' Home in Massachusetts, Chelsea		1
Spalding, Eliot, Boston		1
Spalding, Warren F.	1	
Sprague, Homer, Watertown		1
Springfield City Library Association		1
Swift, Lindsay, Boston	1	
Syracuse (N. Y.) Public Library		1
Taunton Public Library		1
Thorpe, Mrs. E. J. Ellery	1	
Toledo (Ohio) Public Library		1
Towle Manufacturing Company, Newburyport		1
Tufts College, Medford	1	1
Tufts Library, Weymouth		1
Union University, Schenectady, N. Y.		1
United States :—		
Agriculture, Department of. Forest Service	1	65
Census, Bureau of	3	
Civil Service Commission	1	
Commerce and Labor, Department of	1	
Education, Bureau of	3	1
Interstate Commerce Commission	5	
Library of Congress	2	5
Navy Department		13
Patent Office	1	
Philippine Civil Service Board, Manila		2
Philippine Commission	4	
Treasury Department	1	1
War Department	2	5
University Club, New York, N. Y.	1	
University of California, Berkeley		1
University of Chicago, Ill.	12	1
University of Michigan, Ann Arbor		3
University of Vermont, Burlington		1
Vassar College, Poughkeepsie, N. Y.		1
Vivisection Reform Society, Chicago, Ill.		3
Wakefield Library		1
Waltham Public Library		1
Watertown Free Public Library		1
Wellesley College		1
Wells College, Aurora, N. Y.		1
Wesleyan University, Middletown, Conn.		1
Westborough Town Library		1
Western Reserve University, Cleveland, Ohio		1
Western Theological Seminary, Chicago, Ill.		1
Whorf, Edward H.	10	
Williams College, Williamstown		1
Wilmington (Del.) Institute		1
Winchester Public Library		1
Wisconsin Free Library Commission, Madison, Wis.		1
Wisconsin Library School, Madison, Wis.		1
Wisconsin State Historical Society, Madison, Wis.	1	
Woburn Public Library		1
Woodman, Cyrus, *Estate of*	2	
Woodman, Mary	1	
Woolson, Mrs. James A.	1	
Worcester Academy, Worcester		1
Wright, George G.		11
Wright, Theodore Francis	1	
Yale University, New Haven, Conn.		1
Yeames, Rev. James, Arlington		1

Bulletins, or similar publications, have been received from the following: —

Boston Book Company
Boston Public Library
Bowdoin College, Brunswick, Me.
Brockton Public Library
Brookline Public Library
Brooklyn (N. Y.) Public Library
Carnegie Library, Pittsburg, Pa.
Cleveland (Ohio) Public Library
Denver (Col.) Public Library
Drexel Institute, Philadelphia, Pa.
Field Columbian Museum, Chicago, Ill.
Fitchburg Public Library
Greenfield Public Library
Haverhill Public Library
Holy Cross College, Worcester
Hyde Park Public Library
Leyton (Eng.) District Public Libraries
Lynn Public Library
Malden Public Library
Michigan State Library, Lansing, Mich.
Milton Public Library
Minneapolis (Minn.) Public Library
Museum of Comparative Zoology
New Bedford Free Public Library
New York (N. Y.) Public Library
Newton Free Library
Oregon Library Commission, Salem, Ore.
Osterhout Free Library, Wilkes-Barré, Pa.
Portland (Ore.) Library Association
Pratt Institute Free Library, Brooklyn, N. Y.
St. Louis (Mo.) Public Library
Salem Public Library
San Francisco (Cal.) Public Library
Scranton (Pa.) Public Library
Seattle (Wash.) Public Library
Somerville Public Library
Springfield City Library
Tacoma (Wash.) Public Library
United States. Patent Office.
Wilmington (Del.) Institute Library
Wisconsin Free Library Commission, Madison, Wis.
Worcester Public Library.

REPORT OF THE TRUSTEES OF THE DOWSE INSTITUTE

Cambridge, December 1, 1906.

To the Honorable, the City Council: —

The Board of Trustees of the Dowse Institute respectfully reports that a course of five free lectures, one reading, one concert and one entertainment was given in Durrell Hall, beginning January 2 and ending February 20, 1906.

An attested copy of the accounts of the Treasurer is herewith submitted, showing the amounts of receipts and expenditures.

FRANK A. ALLEN,
W. A. BULLARD,
GEO. HOWLAND COX, } *Board of Trustees.*

W. A. Bullard, Treasurer, in Account with Dowse Institute.

Dr.

1905	
To balance	$110 46
City of Cambridge, interest on fund one year	600 00
Rebate on lecture	15 00
Interest on deposits	3 45
	$728 91

Cr.

1906.	
By Cambridge Chronicle, advertising .	$10 00
Cambridge Tribune, advertising .	10 00
L. F. Weston, printing . . .	12 00
G. L. Currier, moving piano . .	4 00
C. L. Russell, doorkeeper . . .	8 00
Y. M. C. A., rent of hall . . .	200 00
H. L. Southwick, reading . . .	35 00
W. J. Scanlin, lecture . . .	50 00
John C. Bowker, lecture . . .	50 00
The Marzels, entertainment . .	30 00
E. C. Marshall, lecture . . .	35 00
Ed. B. McDowell, lecture . . .	75 00
Jno. A. Seibert, lecture . . .	40 00
Harrington Co., music . . .	40 00
Balance	129 91
	$728 91

Attest: W. A. BULLARD,
Treasurer.

Audited:
Geo. Howland Cox.

REPORT OF THE SUPERINTENDENT OF PUBLIC BUILDINGS

To the Honorable, the City Council of the City of Cambridge: —

Gentlemen ; — In accordance with Section 2, Chapter 13, of the City Ordinances, it becomes my duty to submit the following report of the Building Department for the year 1906, including a detailed report of the Inspector of Buildings.

Repairs have been made on the various schoolhouses during the summer and a brief description of the work is included in this report. The condition of the buildings is gradually improving but many and extensive repairs are still necessary. It has been my purpose to expend the appropriations given me on work which affects the life of the buildings and the health and comfort of the pupils and teachers, rather than upon improvements which are continually requested, but which can, and of necessity must be deferred owing to lack of funds. Three grammar schoolhouses have been erected and additions made to two during the last four years, and this increase in the number and size of the buildings has greatly increased the cost of maintenance, but no consideration seems to be given this fact as the appropriations remain the same as for several years past and in some cases are even less. This allows a smaller amount to be expended for supplies and repairs each year.

I trust that liberal appropriations will be allowed this Department for the coming year in order that necessary repairs may not be longer put off.

The orders of the City Council to grade the grounds and build walks and curbing at the Agassiz and Ellis Schools have been complied with. This work has greatly improved the appearance of the buildings and is particularly pleasing to the owners of property in the neighborhood of the schools. The same work has been done at the Shepard School, which, being prominently located on Massachusetts Avenue, is greatly appreciated by all.

In my opinion it is wise for the City to improve the grounds about its buildings and no tax payer can reasonably object to money expended for such a purpose, as it adds to the value of surrounding real estate. It is my intention this year to do similar work about other schools if the appropriation will permit.

WELLINGTON SCHOOL ADDITION.

Acting under an order of the City Council, approved June 28, 1906, for the addition of six class rooms and alterations in the assembly hall at the Wellington School, plans submitted by Mr. Edward T. P. Graham, Architect, were approved and bids received for the work. The contract was awarded to Mr. John B. Byrne, the lowest bidder, the contract price being $38,831. The heating and ventilating contract was awarded to Messrs. J. J. Hurley & Company, their bid being $3,800. The walls of the building are now up and ready for the roof and the building will probably be ready for occupancy by March 1st, 1907.

This addition replaces the old four room wooden building which stood on the lot and which was used for school purposes, although entirely unsuitable for such purposes. The old building was removed at the close of the school term in June.

The addition will provide for six additional class rooms and a new assembly hall accommodating six hundred persons. The present hall is defective in means of egress and was condemned by the State Inspector. The new hall will be provided with safe means of egress and will be adequate for all the requirements of the school.

I recommend that further improvements be made in this building; that safe means of egress be provided for all parts of the building; that the wooden walls enclosing the class rooms on the third floor be replaced with brick walls, thus decreasing the danger from fire; that a new roof be built over the whole building; that the windows be enlarged to give proper lighting to the rooms; that the entire building be heated by steam, provision having been made in the new addition for a second boiler.

I consider the heating by steam to be of the greatest importance and it should be done immediately. Danger from fire from eight or nine large furnaces distributed over the entire area of the basement is very great, and the cost of fuel is fifty per. cent greater than that of buildings having the same number of rooms but heated by steam.

RUSSELL SCHOOL.

Important repairs and changes were made at this schoolhouse during the summer. New drainage was provided which has proved effectual in keeping the basement dry. Previously there had been constant trouble from water leaking through the soil and foundations and remaining in the basement for the greater portion of the time since the building was erected. This was a menace to the health of the pupils and teachers. This has been successfully remedied.

The lot adjoining this building is low and swampy, and filled most of the time with stagnant water. This lot should be filled up to grade and then the grounds about the building could be graded in a permanent manner. The filling and grading which was originally done has disappeared and settled into the swamp and in order to properly grade the grounds it would be necessary to build a retaining wall at a great expense. This would not be necessary if the adjoining lot was filled to grade. I recommend that some action be taken in this matter as I am convinced that this swamp in close proximity to the school is a menace to the health of the pupils.

The sanitaries in the building were moved to another part of the basement, thus obtaining better light and ventilation, it being impracticable to obtain proper light and ventilation in their former location. This change was made at considerable expense, but the results are quite satisfactory.

ABANDONED SCHOOLHOUSES.

Acting under an order of the City Council approved April 27, 1906, the Sargent Schoolhouse on the corner of Broadway and Windsor Street was sold at public auction on May 18 for the sum of two hundred and fifty dollars ($250.00.) The building was removed from the premises and the cellar filled up. The Stearns Schoolhouse and land on Harvard Street were advertised to be sold at public auction on the same day by order of the City Council approved May 10, but as no bid was received large enough to warrant the disposal of the property, no sale was made. The highest bid received was about one-half of the assessed valuation.

CITY BUILDINGS.

The condition of the city buildings in the care of this Department remains the same as for the last five or six years, the available funds not being sufficient to make the repairs which are so greatly needed.

In the City Hall changes have been made in some of the offices due to increase of business in the City Clerk's Department. Two offices occupied by the Park Department were vacated by them and added to those of the City Clerk. Extensive alterations were made giving ample room for the work of the Department. The Park Department was moved to the offices occupied by the City Messenger whose office was moved to a large committee room on the second floor in a central location. The office of the Chief Engineer of the Fire Department was moved to the third floor. This year an appropriation should be made to enable me to thoroughly renovate the City Hall and also the Central Square and

Brattle Square Buildings. The Chief of Police requests several changes in these last two buildings in order to provide suitable accommodations for his Department.

It is desirable that a more modern equipment for the care of prisoners in the Central Square Building be provided in place of the present arrangement of unsanitary brick cells. I also recommend that the building be altered, that steel cages be installed, and that changes be made in the offices on the second floor giving the entire floor for the use of the Police Department.

I would recommend that an electric elevator be installed in the Brattle Square Building. Such an elevator could be used to good advantage by the members of the Grand Army, the Police and Electrical Departments, and persons having business at the Third District Court.

STATION FOUR BUILDING.

Acting under orders of the City Council approved April 2 and 5, 1906, for alterations in the Station Four Building and the fitting up of the second floor for a branch library, plans were made by your Superintendent and bids received. The contract was awarded to Mr. John B. Byrne, the lowest bidder, the contract price being $6,590. The building was occupied in October, and fills a long-felt want for a reading room in this section of the City.

Four new steel cages, new lavatories and lockers have been provided for the Police Department. Every requirement for the occupants of the building has been provided for, and the accommodations are unsurpassed by any in the City. A ward room for voting purposes is provided on the second floor. The building as remodelled is well lighted and pleasant and well adapted for still further alterations to meet any needs of the Police Department.

G. A. R. QUARTERS.

By order of the City Council the entire upper floor of the Brattle Square Building was leased to Post 56, G. A. R., for permanent quarters and an appropriation was made to make repairs necessary to put the rooms in suitable condition. The work was completed in February and the rooms were occupied soon after. This provides pleasant quarters for the members of the Grand Army and for which they have expressed to me their grateful acknowledgment. The only thing needed to complete the generosity of the City is an elevator to convey the members of the Post to the quarters on the fourth floor.

DETENTION ROOMS.

Early in the year a room on the third floor of the Brattle Square Building was ordered fitted up for a place of detention for women. Plans were prepared by your Superintendent and the work was done by Mr. Gustavus Wilson. The rooms have proved entirely satisfactory.

ELECTION BOOTHS.

The requirements of the Statutes and the orders of the City Council for preparing polling places for the Primaries and the State and City Elections have been complied with. Two new portable voting booths have been built and the basements of six schoolhouses have been fitted up as permanent polling places. This involves a considerable saving in the cost of providing polling places and I would recommend that still more schoolhouses be fitted up for this purpose.

CENTRAL POWER STATIONS.

I desire to again recommend the erection of a central power plant on the grounds of the Rindge Manual Training School for the purpose of supplying heat, power and light to the Manual Training, Latin and High Schools and the Public Library. The boilers at the English High School are worn out and will have to be replaced this year and one new boiler should be added. This would necessitate the building of a boiler room outside the building at a considerable expense. In addition to this the plant at the Manual Training School will have to be increased by the addition of another boiler. I therefore consider that a central power plant should be erected during the coming year.

REPAIRS ON SCHOOLHOUSES.

Following is a brief account of the repairs made on schoolhouses during the past year: —

Agassiz: — Grounds graded and new curbing placed around them, new floors laid in several rooms and the woodwork throughout painted and varnished.

Shepard: — Grounds graded, granolithic walks laid and new conductors put up.

Ellis: — Grounds graded, granolithic walks laid, new iron fence erected, granite steps reset, proper facilities for removing ashes provided.

Merrill: —Sanitaries remodelled and new ventilation installed.

Putnam : —Walls and ceilings tinted and new gas fixtures installed.

Morse : — Wall and ceilings tinted, new curtains put up throughout and extensive carpentry work.

Gannett : — Granolithic walks laid, walls tinted and woodwork varnished.

Lassell : — Walls and ceilings tinted, woodwork painted inside and outside.

Webster : — Four new floors laid, new furnace installed, roof repaired.

Sleeper : — Ventilation system remodelled and sanitaries altered.

Taylor : — Masonry supported and strengthened and new brick walks laid.

Latin : — New granolithic walks laid and library properly heated.

Fletcher : — Coal pockets made waterproof.

Parker : — Carpentry and masonry repairs made, walls tinted and building painted outside.

Gore : — Roof repaired, windows repaired, chimneys pointed.

Harvard : —Changes made in heating plant and carpentry repairs.

Thorndike: — Roof repaired.

Riverside : — Painted inside and out, and carpentry repairs.

Rindge Manual Training : — Changes made in plumbing.

Washington : — Outside doors painted.

Kelley : — Roof repaired, and painting done.

Wyman : — New floors laid.

Russell : — New drainage system installed, sanitaries moved and altered, woodwork painted and varnished.

Boardman : — New brick walks laid, roof repaired, new drainage system installed, new conductors put up, new curtains put up, new floors laid.

Peabody : — New stairway to basement built, woodwork painted and varnished.

High : — Corridors and rooms on second floor tinted.

All Schools : — Heating plants overhauled and about 2,000 desks cleaned, varnished and repaired.

SCHOOLS — 1906 — CARE AND REPAIR.

NAMES.	FUEL.			REPAIRS.			SUPPLIES.				EXTRA LABOR.		Janitors.	Totals.
	Coal.	Char-coal.	Wood.	On Building.	On Furniture.	On Heating App's.	Furniture	Gas.	Electric.	Sundries.	Help.	Sundry.		
Agassiz	$214 45	$7 00	$8 80	$996 77	$39 75	$63 28		$6 45		$13 25		$289 38	$652 00	$2,291 13
Boardman	104 60	11 20	6 67	868 29	14 00	88 44	$15 65	11 16		2 25			652 00	1,774 26
Corlett	52 30		4 24	53	3 50	113 98							264 29	438 84
Cushing	78 45		4 24	169 27		1 50							264 28	517 74
Ellis	339 95	7 00		450 08	21 00	43 14		5 10		52 21		429 25	1,062 00	2,409 73
Felton	194 95	8 40	4 45	259 61	2 00	33 73	10 00	18 06		50			537 43	1,069 13
Fletcher	575 30		4 13	290 73	226 65		28 00	3 97	$7 44	17 84		45 22	1,176 14	2,375 42
Gannett	183 05	8 40		508 19	1 00	75 80	49 20	3 53		8 70			634 29	1,472 16
Gannett (old)	31 38			7 40				3 28						42 06
Gore	278 50			491 02	11 75	5 00	73 80	23 60		90			819 43	1,704 00
Harvard	468 35	14 80		31 58	33 60	134 75		2 83	18 00	3 25			1,233 43	1,940 59
High	1,255 20		15 50	774 10	50 80	130 10		45 31	450 36	28 83	$1,169 50	14 50	1,980 50	5,914 70
Holmes	162 00	7 00	4 33	7 35	1 50	3 00		50		1 60			374 43	561 71
Houghton	915 77			78 35	23 55	15 76	49 25		36 36	53 95		6 50	1,176 14	2,355 63
Kelley	627 60	8 40	3 88	396 40	267 33	128 46	228 50	6 10	28 92	16 04			1,330 29	3,041 92
Lassell	148 14	7 00	4 45	688 71		86 22				3 75			528 57	1,466 84
Latin	1,516 70	9 80		573 37	31 49	256 00	31 30	18 11	299 64	92 54	1,917 14		1,858 00	6,604 09
Lowell	162 00	7 00	4 35	71 14	12 30	28 45		2 26		7 09			374 43	669 02
Merrill	278 50		3 87	806 02	88 48			3 69		10 13			951 43	2,142 12
Morse	758 35	8 40		436 07	146 33	37 64	238 45	40 71		48 81			1,321 43	3,036 19
Otis	217 85	12 60		54 92	9 25	97 15	15 65	32 71					652 00	1,092 13
Parker	298 70	7 00	5 81	814 25	103 90	30 91	8 50	22 78		3 25			634 29	1,929 39
Peabody	679 90	8 40		1,261 53	68 43	35 09	43 65	1 53	23 28	10 00		7 50	1,176 14	3,315 45
Putnam	373 75	8 40	3 87	698 88	155 75		72 34	62 55	291 24	22 71			1,303 64	2,993 13
Reed	139 25	4 20		94 90	1 50	13 05	16 20						528 57	797 67
Rindge Manual Training	1,603 15			1,708 44	3 00	162 84	288 70	62 56	540 51	88 95	1,578 00	83 25	1,453 43	7,572 83
Riverside	133 55	5 60	6 47	504 73	103 85	77 11				9 93			396 43	1,237 67
Roberts	758 35	7 00	3 87	535 74	19 20	115 27	216 90	164 96	37 08	19 63		5 50	1,412 18	3,295 68
Russell	278 21	8 40	7 76	1,907 43		186 05		18 59		7 80			969 14	3,383 38
Sargent								2 16				36 35		38 51
Shepard	189 00			1,602 13	121 80	58 92		7 14	8 88	16 75		547 52	884 43	3,436 57
Sleeper	222 80	11 20	4 35	598 37	13 47	78 15	8 22	1 24		40			740 00	1,678 20
Stearns				10 74								36 35		47 09
Tarbell	159 70	5 60	6 47	202 58	113 10	13 85				10 20			396 43	907 93
Taylor	313 80		11 63	461 85	2 75	35 38	67 30	22 54		4 25		8 00	819 43	1,746 93
Thorndike	219 40	16 50		151 49	14 50	197 78	18 50	27 45		1 50			757 71	1,404 83
Washington				196 07			135 00	11 06		9 75		47 36	1,165 00	1,564 24
Webster	366 10	16 80		704 45	17 18	407 50	30 80	29 70	79 27	21 10			1,261 82	2,934 72
Wellington	261 50	19 60		117 00	212 50	219 70	84 06	8 22	6 00			50 00	1,136 57	2,115 15
Willard	222 80	5 60	1 94	544 82	8 00	110 70	35 40	35 61		5 65			819 43	1,789 95
Wyman	184 85	7 00	2 12	263 53	158 10	121 66	30 30			2 25			537 43	1,307 14
All Schools							98 80	60	12 00	1,802 24	284 00	569 66	1,314 53	4,081 83
Totals	$14,968 10	$248 30	$123 20	$20,338 83	$2,101 31	$3,206 36	$1,894 47	$706 06	$1,838 98	$2,398 00	$4,948 64	$2,176 34	$35,549 11	$90,497 70

CITY BUILDINGS — 1906 — CARE AND REPAIR.

NAMES.	FUEL.			REPAIRS.			SUPPLIES.				EXTRA LABOR.		Janitor.	Grand Total.
	Coal.	Char-coal.	Wood.	On Build-ing.	On Fur-niture	On Heating App'ts.	Furni-ture.	Gas.	Elec-tric.	Sun-dries.	Help.	Sunday.		
Brattle Square Building...	$864 00	$7 00	....	$1,815 59	....	$13 35	$135 90	$351 38	$112 52	$68 86	$692 29	....	$845 71	$4,906 60
Central Square Building..	486 00	7 00	$4 92	112 56	....	82 46	....	....	....	12 60	426 58	1 80	850 71	1,984 63
City Hall	1,151 89	6 25	....	1,958 73	$102 57	106 81	110 25	38 63	1,151 22	283 85	4,938 69	217 57	1,053 00	11,119 46
Miscellaneous Buildings..	267 36	....	1 57	172 21	....	3 72	....	18 14	....	10 65	....	5 21	1,089 00	1,567 86
Totals....................	$2,769 25	$20 25	$6 49	$4,059 09	$102 57	$206 34	$246 15	$408 15	$1,263 74	$375 96	$6,057 56	$224 58	$3,838 42	$19,578 55

Following is a schedule of City property in the Public Building Department : —

SCHOOLHOUSES.

	Feet of Land.	Purchase of Land.	Erection of Building.	Valuation of Land.	Valuation of Building.	Valuation of Furniture.
Agassiz	19,689	1874	1875	$8,000	$20,000	$1,215
Boardman	10,018	1866	1868	4,000	13,000	1,290
Bridge	4,646	1836	1836	1,400	500	......
Corlett	10,000	1880	1880 Purchased.	1,200	3,000	195
Cushing	14,787	1880	1880 Purchased.	1,500	3,000	136
Dana	14,317	1847	1848	4,300	.....	......
Ellis	25,700	1897	1898	6,000	48,000	2,993
Felton	15,090	1847	1848	4,500	6,000	200
Fletcher	18,360	1902	1903	12,000	44,000	......
Gannett	15,434	1876	1886	3,000	12,000	430
Wellington	27,673	1875	1884	8,300	95,000	2,240
Gore	9,900	1871	1871	4,000	50,000	825
Harvard	20,494	1870	1871-1899	12,000	65,000	3,769
High	74,366	....	1891	40,900	220,000	9,220
Holmes	11,182	1870	1870	5,000	5,500	275
Houghton	20,306	1904	1904-1905	10,850	85,150	4,000
Kelley	25,230	1900	1902	9,600	60,900	4,380
Lassell	10,000	1880	1880	3,000	8,000	272
Latin	79,579	1894	1897	43,800	225,000	27,150
Lowell	12,033	1883	1883	3,600	5,500	402
Merrill	37,828	1864	1864	19,000	45,000	1,425
Morse	25,650	1889	1890	7,000	73,000	2,040
Otis	8,270	1857	1859	4,000	20,000	930
Parker	12,319	....	1893	7,000	15,000	710
Peabody	21,813	1887	1888-1898	9,800	68,000	3,340
Putnam	14,400	1896	1889	9,800	64,500	2,550
Reed	12,000	1868	1868	1,200	4,000	310
Rindge M. T.	81,128	....	1887	44,000	72,000	12,000
Riverside	11,198	1868	1868	3,000	5,000	330
Roberts	16,400	1898	1898	12,000	67,500	4,453
Russell	33,073	1895	1896	6,000	40,000	2,440
Sargent	9,995	1838	1838	5,000	......	....
Shepard	14,755	1855	1856-1873	11,000	26,000	1,047
Sleeper	21,284	1894	1894	5,000	24,000	1,190
Stearns	10,050	1812	1841-1843	5,000	3,000	322
Tarbell	19,500	1878	1882	4,900	7,000	355
Taylor	23,592	1894	1895	6,000	36,000	1,720
Thorndike	10,027	1860	1860-1875	4,000	30,000	1,676
Washington	16,000	1900	1901	12,800	80,000	3,550
Webster	25,839	1866	1873-1885	9,000	50,000	3,350
Willard	20,079	1869	1870	7,000	25,000	1,350
Wyman	14,347	1871	1871-1886	4,500	5,000	555
				$383,950	$1,729,550	$109,335

CITY BUILDINGS.

	Feet of Land.	Purchase of Land.	Erection of Building.	Valuation of Land.	Valuation of Building.	Valuation of Furniture.
City Hall	47,878	1888	1888	$72,000	$200,800	$29,800
Brattle Sq. Bldg.	16,153	1873	1874	16.000	62 000	2,500
Central Sq. Bldg.	13,028	1872	1873	10,500	50,000	2,436
Station 3	4,220	1862	1870	2,100	20,000	800
Station 4	6,316	1872	1873	3,700	14,300	300
				$104,300	$347,100	$35,836

Voting booth, corner Cambridge and Hampshire Streets	$500 00	
Three portable voting booths	1,100 00	
Voting compartments and fixtures (500)	2,500 00	
		$4,100 00

OLD MATERIAL IN STORE HOUSE.

Plumbers' materials	$100 00	
Old doors	10 00	
Davidson steam pump (at R. M. T. S.)	100 00	
Desks, chairs and irons	500 00	
		$710 00

PERSONAL PROPERTY.

1 horse	$130 00	
3 robes	32 00	
1 wagon	100 00	
Top buggy	150 00	
Sleigh	35 00	
		$447 00

INSPECTION OF BUILDINGS.

The regular inspection of work in this Department has been done this year as shown in the table below.

Elevators throughout the city have been inspected in January and July, and the annual inspection of the means of egress of tenement houses, lodging houses, hotels, etc., was made in May and a report made to the Chief of the District Police.

Permits issued to operators of elevators	322
Inspections	3,650
Inspection of buildings to be moved	5
Notices served on violators of building ordinances	40

VIOLATIONS.

Dangerous chimneys	3
Foundations defective	2
Building without a permit	8
Building too near the adjoining lot	2
Conductors and gutters defective	3
Buildings in a dangerous condition	9
Furnace pipes defective	5
Miscellaneous violations	4

Number of permits granted for each month for the years 1905 and 1906:—

	1905.	1906.
December	18	15
January	20	22
February	14	26
March	35	32
April	56	49
May	52	57
June	50	49
July	48	37
August	42	39
September	43	31
October	53	42
November	39	58
Totals	470	457

PERMITS ISSUED IN 1906.

	WARDS.											
	1	2	3	4	5	6	7	8	9	10	11	Totals
Additions	4	3	7	25	10	18	10	8	28	8	23	144
Alterations and repairs	7	4	4	10	8	16	6	2	14	6	11	88
Apartments and dwellings	...	....	2	2	9	5	1	3	15	9	3	49
Carriage houses	....	....	1	....	2	2	1	2	3	2	1	14
Chimneys and stacks	....	....	1	....	1	....	1	1	....	....	....	4
Dynamos, boilers, motors and engines	3	....	...	7	....	6	3	2	1	1	4	27
Factories	....	....	....	....	....	3	....	....	....	....	2	5
Heating apparatus	....	....	1	....	8	7	2	2	2	1	....	23
Razed	....	....	....	6	1	7	1	3	1	....	1	20
Stables	1	....	....	....	...	3	....	1	....	....	1	6
Schools	....	....	....	....	....	....	....	1	....	...	....	1
Stores and offices	....	1	1	....	....	1	2	1	1	1	2	10
Storehouses	13	1	4	4	....	12	1	....	1	2	1	39
Miscellaneous	2	1	...	3	....	2	2	8	2	2	5	27
Totals	30	10	21	57	39	82	30	34	68	32	54	457

COST OF BUILDING OPERATIONS FOR 1906.

	WARD 1.		WARD 2.		WARD 3.		WARD 4.		WARD 5.		WARD 6.	
	New.	Additions and Repairs.	New.	Additions and Repairs.	New.	Additions and Repairs.	New.	Additions and Repairs.	New.	Additions and Repairs.	New.	Additions and Repairs.
December	....	$60,000	....	$75	....	....	....	....	....	....	$1,500	$2,175
January	....	....	$2,000	....	....	$300	....	$1,700	....	$100	2,800	1,925
February	....	3,175	....	....	....	1,500	$180	400	....	3,875	1,200	950
March	$200	....	....	....	$3,800	375	....	11,375	$5,050	1,320	7,800	35,000
April	250	....	....	1,500	75	375	5,500	2,375	50	1,650	66,050	2,650
May	20,700	1,550	....	300	....	250	9,000	4,600	....	1,475	17,250	700
June	....	300	....	50	....	....	....	4,800	....	....	1,100	25,725
July	25,000	....	5,000	....	150	100	....	575	17,500	100	4,575	3,200
August	8,500	2,000	400	....	....	50	14,550	250	4,500	2,750	1,250	6,100
September	1,500	....	....	100	....	52,600	....	750	7,000	675	....	700
October	7,000	400	....	....	5,850	....	....	9,450	14,000	....	3,000	500
November	10,000	10,600	....	400	1,200	1,950	550	5,650	8,000	3,300	2,700	13,300
Totals	$73,150	$78,025	$7,400	$2,425	$11,075	$57,500	$29,780	$41,925	$56,100	$15,245	$109,225	$92,925

COST OF BUILDING OPERATIONS IN 1906—*Continued.*

	WARD 7.		WARD 8.		WARD 9.		WARD 10.		WARD 11.		Totals.	
	New	Additions and Repairs.	New.	Additions and Repairs.	New.	Additions and Repairs.	New	Additions and Repairs.	New	Additions and Repairs.	New.	Additions and Repairs.
December	....	$12,150	....	....	....	$800	....	....	$500	$300	$2,000	$75,500
January	....	....	$20,000	$2,000	$17,250	100	$4,000	....	....	575	46,050	6,700
February	....	165	4,000	....	....	325	4,000	....	50	150	9,430	10,540
March	$1,675	1,775	....	....	28,000	....	650	$100	1,000	1,500	48,175	51,445
April	150	2,850	....	10,700	....	1,150	10,050	3,700	1,700	3,150	83,825	30,100
May	100	75	350,350	350	9,300	15,650	13,525	600	6,700	1,850	426,925	27,400
June	500	5,000	20,000	2,400	5,000	5,750	....	4,200	7,100	9,150	33,700	57,375
July	....	....	....	3,800	100	6,500	9,000	150	....	2,150	61,325	16,575
August	....	....	49,100	1,550	....	325	900	800	1,150	500	80,350	14,325
September	....	1,600	88,000	300	23,500	275	....	....	30,000	375	150,000	57,375
October	....	....	200	40	6,550	1,050	6,000	800	3,800	175	46,400	12,415
November	5,500	1,400	850	25,000	18,600	500	100	525	50	....	47,550	62,625
Totals	$7,925	$25,015	$532,500	$46,140	$108,300	$32,425	$48,225	$10,875	$52,050	$19,875	$1,025,730	$422,375

Cost of operations for previous years: —

1901	$1,664,390 00
1902	2,232,365 00
1903	1,290,694 00
1904	1,964,020 00
1905	1,659,875 00

BOARD OF EXAMINERS OF PLUMBERS.

As Chairman of the Board of Examiners of Plumbers I submit the following report: —

Number of candidates examined for master plumbers' license	5
Number of master plumbers' licenses granted	5
Number of candidates examined for journeyman plumbers' license	12
Number of journeyman plumbers' licenses granted	9

INSPECTION OF PLUMBING.

Following is a detailed report of the Inspection of Plumbing Department: —

Number of applications received and permits granted	412
Number of tests and inspections	1,286
Number of jobs found defective or otherwise not in accordance with plumbing ordinances	4
Number prosecuted for violation of the plumbing ordinances	0
Number of master plumbers holding certificates	36
Number of journeymen plumbers holding certificates	62
Number of master plumbers holding licenses	46
Number of journeymen plumbers holding licenses	65
Amount received for license fees	$37 00

In conclusion, I desire to extend sincere thanks to his Honor the Mayor, the Committee on Public Property, and the City Council for the courtesy and consideration shown me during the year.

Respectfully submitted,

THOMAS F. TRACY,
Superintendent of Public Buildings.

ANNUAL REPORT OF OVERSEERS OF POOR.

1905-6

CENTRAL SQUARE BUILDING,
CAMBRIDGE, December 24, 1906.

To the Honorable, the Mayor, and City Council of the City of Cambridge:—

GENTLEMEN: — The Board of Overseers of the Poor, constituted under the provisions of Chapter 41 of the Acts of 1877, approved March 10, 1877, respectfully submits herewith the twenty-ninth annual report of its administration for the year 1905-1906.

There has been no change in the membership of the Board during the past year.

On the 27th of March, 1906, the City Council met in convention and re-elected Henry H. Winslow as an Overseer of the Poor for the term of five years from May 1, 1906.

At the annual meeting on the first Monday in May, 1906, Patrick Crowley, the Chairman of the Board since October 27, 1903, was again re-elected.

The officers of the Department were reappointed at the same meeting as follows: David P. Muzzey, secretary; Miss Addie Benson, clerk; Charles E. Goodrow, superintendent of the City Home, and his wife, Emma A. Goodrow, as matron; the term being for one year, and the various salaries determined by the Board.

In considering the expenditures and receipts of the year, it should be borne in mind that a considerable part of the money paid by the Department of the Overseers of the Poor for Out-door Relief — General Expenses, is received back from the cities and towns and other sources by the City Treasurer, and is not credited to this Department. It is therefore well, in all cases, that the actual net expenses of carrying on the Departments, covering the actual outlay, and the revenue actually received, should be carefully recognized in accordance with the principles of general business transactions.

In this connection it will be seen that the entire cost of caring for the poor for the past year has been $5,235.74 less than during a like period of the previous year there having been less expense and more revenue. The net cost of the care of the poor in 1905 was $40,378.92, whereas in 1906 the net cost was $35,143.18.

The law compels the Overseers of the Poor to administer the affairs of the Department with a careful expenditure, and at the same time provide for the necessities of the poor and relieve their suffering. It differs from any other Department of the City, as the expenses must be met and paid under the law. In order to accomplish these objects the City Government should recognize the fact that funds must be provided in accordance with the request of the Board of Overseers of the Poor.

It will be noticed that there is a difference between the figures of the City Auditor and those of the Overseers of the Poor, the Auditor having been obliged to carry over to the new year, December 1, 1905 to December 1, 1906, Out-door Relief — General Expenses, unpaid bills amounting to $4,357.86, said bills having been approved in the months of June, July, August, September, October and November 1905, in the usual course by the Overseers of the Poor as necessary expenses, and the City Council having failed to make the required adequate appropriation for the payment of these bills.

The new hospital on the City Home grounds, which was opened on June 19, 1905, has proved a continued success. One hundred and six patients have been cared for during the year at a comparatively small expense, if we consider the required cost to the City for treatment at an outside hospital. The benefit derived from this small hospital with its limited accommodations of eleven beds has clearly shown that the enlarged accommodations of the proposed City Hospital would furnish what is needed by our growing City of one hundred thousand inhabitants.

The applicants for office relief in groceries and fuel have increased in number with corresponding increase in expense, but the Overseers feel that the City has gained much by the improved moral effect and greater business prosperity resulting from the absence of the saloon traffic carried on in earlier years.

The list of annual estimates, as prepared by the Board, were sent to the City Council on January 15, 1906, as follows: —

Outside Aid . .	salaries,	$12,790 00	general expenses,	$14,000 00	$16,790 00
City Home . .	"	7,800 00	" "	12,755 00	20,555 00
Farm . . .	labor,	4,340 00	supplies,	985 00	5,325 00
House Offal . .	"	28,359 00	general expenses,	7,565 00	35,924 00
					$78,594 00
City Home Hospital					2,000 00

The following appropriations were actually made by the City Council: —

Outside Aid . .	salaries,	$2,750 00	general expenses,	$11,500 00	$14,250 00
City Home . .	"	7,740 00	" "	12,000 00	19,740 00
Farm . . .	labor,	4,100 00	supplies,	875 00	4,975 00
House Offal . .	"	27,200 00	general expenses,	6,000 00	33,200 00
					$72,165 00

City Home Hospital $1,500 00

Amount added in February by City Council to Out-door Relief, General Expenses $4,500 00

Transfers were made in November as follows: —

From City Farm — labor to supplies	$100 00
From House Offal — labor to general expenses	425 00
Additional appropriation in October for Out door Relief, General Expenses	2,000 00
Additional appropriation in October for City Home Hospital . .	100 00

The following were the actual amounts, in bills approved, for the year: —

Outside Aid . .	salaries,	$2,750 00	general expenses,	$14,209 37	$16,959 37
City Home . .	"	7,738 88	" "	12,000 00	19.738 88
Farm . . .	labor,	3,999 85	supplies,	975 00	4,974 85
House Offal . .	"	26,775 00	general expenses,	6,425 00	33,200 00
					$74,873 10

City Home Hospital $1,599 90

The following estimates for revenue were made by the Overseers of the Poor on January 15, 1906: —

Outside Aid	$1,400 00
City Home	900 00
Farm	4,500 00
House Offal	11,000 00
	$17,800 00

City Home Hospital . . . . , . . . $150 00

The following was the actual revenue during the year: —

Outside Aid	$1,503 67
City Home	870 79
Farm	5,209 65
House Offal	10,494 70
	$18,078 81

City Home Hospital $544 91

The actual comparative table of the net cost of all branches of the Poor Department each year during the past five years has been as follows: —

	1902	1903	1904	1905	1906
Outside Aid	$39,006 97	$40,671 41	$23,023 02	$19,702 77	$15,455 70
City Home	18,056 21	18,090 80	18,254 10	19,019 07	18,868 09
Farm	168 53	1,089 77	670 78	13 86	Net gain, 234 80
City Home Hospital				1,643 22	1,054 19
House Offal	18,596 97	20,488 02	19,281 89	22,308 39	23,276 20
	$75,828 68	$80,340 00	$61,229 79	$62,687 31	$58,419 38

The Overseers desire to call the attention of the City Council to the present serious condition of the Offal Department, as appears in the report of the Superintendent of the City Home, wherein is shown the failure to properly collect the City garbage, owing to the necessity of more wagons and proper facilities for such collection. The inhabitants of the City have just cause for complaint and immediate action is demanded to relieve the situation.

During the year the number of persons at institutions for whom the City has been liable is as follows: —

City Home	222
State Hospital for Epileptics, Monson	6
Foxboro State Hospital for Dipsomaniacs	10
Cambridge Relief Hospital	5
Holy Ghost Hospital	2
Carney Hospital	3
Boston City Hospital	72
Sherman Hospital for Incurables, Medford	3
Baldwinville Hospital Cottages for Children	1
Massachusetts State Sanatorium, Rutland	3
State Hospital, Tewksbury	20

There have been 481 histories taken, 14,173 to 14,654 of new applicants for relief, consisting of 1,443 persons, 676 males, 767 females, 399 adults, 1,044 minors.

The City Physician has made 1,254 visits upon 513 patients at the City Home, and he has also made 969 visits upon 616 patients outside of the institution. There has been paid from the Overseers of the Poor appropriation $320.80 for outside medicine and $373.71 for City Home medicine, $20.22 has been paid for outside surgical appliances, and $15.00 at the City Home; $89.00 has been paid for outside additional service, $172.00 has been paid for medicine at the City Home Hospital, and $4.85 for surgical appliances.

There were 23 deaths at the City Home during the year, 7 males and 16 females, 34 sick persons were sent to the hospitals, 36 persons have received burial, 26 in the Cambridge Cemetery on outside aid account at an expense of $311.35, and 10 persons on City Home account at an expense of $104.30 for undertakers' services and interment. At the City Home the oldest person to die was a woman of 101 years who died of old age, and the youngest was a male infant 1 day old who died of inanition.

There have been 222 inmates in the City Home during the year, and there remained 104 persons on November 30, 1906, the average being 99 during the year.

There have been 302 families, 906 persons aided from the office of the Board during the past year.

RECAPITULATION.

Total expenditures for Outside Aid, City Home, Farm, Hospital .	$45,973 00
Receipts for the same	8,129 02
Net cost of care of Poor	$37,843 98

Respectfully submitted,

PATRICK CROWLEY,
HENRY H. WINSLOW,
JAMES F. MULLEN,
PATRICK J. CALLAGHAN,
JOHN R. McCOOL,
Overseers of the Poor of Cambridge.

REPORT OF THE CITY PHYSICIAN

1905-1906

CAMBRIDGE, MASS., November 30, 1906.

To the Honorable, the City Council of the City of Cambridge: —

GENTLEMEN: — In accordance with the requirements of Chapter 45 of the revised ordinances of 1892, a report of the doings of this office for the year ending November 30, 1906, is hereby rendered: —

Number of visits to the City Home	311
Number of patients at the City Home	108
Number of persons attended there	513
Number of professional visits to the same	1,254
Number of births at the City Home	3
Number of deaths at the City Home	13
Cost of medicines and surgical appliances	$338 31

CITY HOME HOSPITAL.

Number of patients	106
Number of births	2
Number of deaths	9
Cost of medicines and surgical appliances	$156 69

OUTSIDE AID.

Number of persons attended for Overseers of Poor	616
Number of professional visits to the same	969
Number of persons sent to hospital for treatment	34
Number of outside deaths	15
Number of outside births	9
Cost of medicines and surgical appliances	$430 02

DEPARTMENTAL SERVICE AND TOTALS.

Number of persons visited at police stations	58
Number of professional visits to the same	61
Number of persons examined for the Law Department	4
Number of professional visits for Law Department	2
Number of employees examined for injuries received	34
Number of visits to same	72
Number of vaccinations for School Committee	280
Number of visits to same	203
Number of Civil Service examinations	53
Number of call men examined	0
Number of policemen examined for retirement	6
Number of firemen examined for retirement	2
Total number of persons receiving professional care	1,555
Total number of professional visits to the same	2,563

CITY HOME HOSPITAL REPORT FOR THE YEAR ENDING NOVEMBER 30, 1906.

There were 106 patients admitted during the year, 25 of them were transferred from the home to the hospital, also some were children who were born at the hospital, and were not sick, leaving what would be called 81 patients, for a period of 2,424 days or 346 weeks, averaging 5 weeks to a patient, and reckoned at the usual hospital rate of $10.00 a week, amounts to $3,460.00 for the year.

We had 18 paying patients at the hospital for a period of 369 days or 52+ weeks, with an average revenue of about $10.44 a week.

The total revenue from the paying patients was $544.91, divided as follows:—

From private patients	$261 22
From the State, Soldiers Aid, other cities and towns	283 69
Total	$544 91
The appropriation from the city government for the year	$1,600 00
Running expenses, salaries to nurses, etc.	1,599 90
Leaving a balance of	10
Revenue from all sources	$544 91
Net expense for the year	1,055 19

For its size the Hospital, now in its second year, has made a remarkable showing. It is far from being complete, as every hospital is for that matter. With more accommodations we could do more work, as we are far from being able to care for all the city's patients.

There is certainly a serious demand for a large City Hospital, with pavilions to look after the "tubercular, contagious and infectious cases" whom we are obliged to send to other hospitals, which compels us to pay as much as $25.00 a week in some cases.

It is high time the city recognizes this condition, and looks into the situation. There is an act passed by the Legislature of 1905, empowering the city to borrow $150,000.00 to build a contagious hospital. It seems to me that this act should be amended so as to read "a general hospital with contagious wards or out buildings" for which the above mentioned sum would do nicely. It is a problem that will soon compel the city to act, as Boston, on whom we largely depend, is rapidly approaching the limit of its hospital accommodations.

I feel that our own small hospital demonstrates in a measure such needs. Nineteen hundred and six (1906) has been a very good year, but we could leave it far in the rear with suitable buildings properly situated, as we have, at the present time, got to overcome a certain amount of unwarranted prejudice that should not and would not exist under proper conditions.

I hope the time is close at hand when this matter will be properly looked after.

I wish to thank the Superintendent of the City Home for his kindness and material help, and also the other members of the office for their many courtesies shown me during the year.

Respectfully submitted,

WILLIAM G. BROUSSEAU, M. D.,
City Physician.

REPORT OF THE SUPERINTENDENT OF THE CAMBRIDGE CITY HOME

CAMBRIDGE, December 1, 1906,

To the Overseers of the Poor :—

GENTLEMEN :—The annual report of the Cambridge City Home for the year ending November 30, 1906, is herewith respectfully submitted.

The whole number in the Home during the year has been as follows :

Males	109
Females	113
Total	222
Adults	198
Minors	24
Whole number in Home, November 30, 1906	104
Average number during the year	99

Included in the whole number in the Home, November 30, 1906, there are :—

IDIOTIC OR IMBECILE.

Males	0
Females	1
Total	1

BLIND.

Males	0
Females	1
Total	1

EPILEPTIC.

Males	2
Females	1
Total	3

Included in the whole number discharged during the year, are six persons sent to other institutions, as follows :—

Holy Ghost Hospital	1
State Hospital	2
State Home	1
St. Mary's Infant Asylum	1
Worcester Insane Hospital	1

Remaining in Home, November 1, 1906 :—

Males	53
Females	51
Adults	103
Minors	1

All statistics of general interest will be exhibited by the following tables: —

TABLE I.

Showing the number and sex of adult persons and minors of all classes received into the Cambridge City Home in each month of the year ending November 30, 1906.

Months.	Adults.		Minors.		Total.	Dependent Children.		Neglected Children.	
	M.	F.	M.	F.		M.	F.	M.	F.
1905									
December	4	3	0	1	8	0	1	0	0
1906									
January	7	7	0	2	16	0	2	0	0
February	3	4	2	0	9	2	0	0	0
March	1	1	2	0	4	2	0	0	0
April	1	2	0	1	4	0	1	0	0
May	1	4	0	0	5	0	0	0	0
June	3	7	3	2	15	3	2	0	0
July	3	5	1	0	9	1	0	0	0
August	6	3	0	0	9	0	0	0	0
September	8	6	1	2	17	1	1	0	1
October	4	3	0	2	9	0	2	0	0
November	4	7	0	2	13	1	0	1	0
Totals	45	52	9	12	118	10	9	1	1

TABLE II.

Showing the number and sex of adult persons and minors of all classes discharged from the Cambridge City Home in each month of year ending November 30, 1906.

Months.	Adults.		Minors.		Total.	Dependent Children.		Neglected Children.	
	M.	F.	M.	F.		M.	F.	M.	F.
1905									
December	3	4	2	1	10	2	1	0	0
1906									
January	4	5	0	3	12	0	3	0	0
February	6	3	0	0	9	0	0	0	0
March	6	2	2	0	10	1	1	0	0
April	4	3	1	1	9	1	1	0	0
May	3	5	1	0	9	1	0	0	0
June	4	6	2	2	14	2	2	0	0
July	4	3	1	0	8	0	0	0	0
August	4	5	0	0	9	0	0	0	0
September	4	2	1	0	7	1	0	0	0
October	0	7	1	2	10	1	1	0	1
November	4	4	1	2	11	0	2	1	0
Totals	46	49	12	11	118	9	11	1	1

TABLE III.

Showing the name, age, date of admission, date and cause of death of each person who has died in the Cambridge City Home during the year ending November 30, 1906.

Name.	Age.	Date of Admission.	Date of Death.	Cause of Death.
Henrietta Ridell.......	63	Jan. 21, 1905	Dec. 4, 1905	Paralysis.
Catherine Kelly	78	Nov. 28, 1905	Dec. 9, 1905	Debility.
Mary Robinson (Long)	44	Dec. 13, 1905	Dec. 16, 1905	Pneumonia.
Stephen F. Goodwin...	70	Apr. 26, 1905	Dec. 18, 1905	Debility.
Thomas J. McAvoy. ..	44	Nov. 28, 1905	Jan. 3, 1906	Consumption.
Mary McPhee..........	32	Jan. 15, 1906	Jan. 15, 1906	Child-birth and Apoplexy.
Maria E. Powell.......	82	Mar. 9, 1904	Jan. 18, 1906	General Debility.
Charles F. Nowell.....	66	Nov. 4, 1905	Jan. 16, 1906	Paralysis.
Marie E. Carroll.......	6 wks.	Dec. 13, 1905	Jan. 25, 1906	Marasmus,
Carrie Fauntelroy.....	25	Feb. 19, 1906	Feb. 26, 1906	Intestinal Obstruction.
Ann McNamara........	74	Dec. 31, 1902	Feb. 23, 1906	Heart Failure.
Lauretta Halliday.....	101	Apr. 18, 1900	Mar. 13, 1906	Old Age.
Herbert J. Lane.......	1 day.	Mar. 13, 1906	Mar. 14, 1906	Inanition.
Richard Murphy.......	43	Nov. 22, 1905	Mar. 17, 1906	Tuberculosis.
John Humphrey.......	82	May 3, 1894	Apr. 24, 1906	Senile Debility.
Ann Clahan............	78	Feb. 23, 1899	Apr. 27, 1906	Bronchial Asthma and Debility.
Fannie Lerned.	45	Dec. 20, 1905	May 3, 1906	Apoplexy.
Mary Farrell...........	80	Apr. 28, 1906	June 1, 1906	Old Age.
Margaret E. Foster....	72	June 16, 1906	June 29, 1906	Paresis.
Nellie A. Keaney......	48	July 29, 1906	July 31, 1906	Heart Disease.
Mary E. Rogers...	69	June 6, 1906	Aug. 4, 1906	Paralysis.
Mary E. Brennan	34	June 26, 1903	Oct. 20, 1906	Nephritis.
Geo. W. Sutherlin.....	47	Sept. 29, 1906	Nov. 6, 1906	Valvular Lesion of Heart.

PRODUCTS OF THE FARM AND THEIR APPROXIMATE VALUES.

512	bushels string beans	$349 40
6,864	bunches beets	190 30
355	bushels beets	169 75
87	bushels beet greens	11 85
19,015	cabbages	672 50
13,407	cucumbers	185 90
355	bushels dandelions	239 65
564	dozen lettuce	144 20
12,367	lbs. pork	811 90
1,100	dozen celery	1,250 00
176	bushels rhubarb	55 45
85	bushels radishes	100 95
518	bushels spinach	122 05
34	bbls. squash	23 75
570	bushels tomatoes	274 10
4,140	bunches carrots	192 00
451	bushels carrots	239 60
24	bushels peas	18 00
50	bushels corn	35 50
418	bushels onions	285 40
1	ton hay	15 00
400	dozen eggs	120 00
150	bunches asparagus	15 00
820	bushels parsnips	519 40
102	cords manure	300 00
	Total	$6,341 65

The results from the Farm the past year have been very satisfactory.

Cash receipts	$5,209 65

PRODUCTS ON HAND DECEMBER 1, 1906.

59 pigs	$177 00
100 boxes celery	400 00
2,500 cabbages	75 00
100 cords manure	300 00
250 bushels parsnips	150 00
25 bushels beets	15 00
25 bushels onions	15 00
	$1,132 00

Vegetables supplied Home one year to December 1, 1906	$310 00
Eggs supplied Home one year to December 1, 1906	120 00
Cash receipts	5,209 65
	$5,639 65
Less expenses	4,974 85
Net gain	$664 80

COMPARATIVE TABLE OF CITY HOME, FARM, LEDGE AND HOUSE OFFAL RECEIPTS FOR TWENTY-SIX YEARS ENDING NOVEMBER 30, 1906.

Years.	Board.	Chair Shop.	Farm.	General Sales.	Stone.	House Offal.	Totals.
1881	$822 56	....	$378 50	....	$2,529 01	$5,536 88	$8,766 95
1882	705 34	....	436 54	....	2,626 17	5,705 22	9,473 27
1883	1,174 96	....	476 22	$14 19	2,622 00	5,819 55	10,106 92
1884	1,480 93	....	316 76	....	4,238 77	6,449 96	12,486 42
1885	2,035 58	....	335 32	149 85	4,509 84	7,354 26	14,384 95
1886	613 93	$37 50	772 14	319 75	5,611 38	6,926 23	14,280 93
1887	514 64	634 19	1,595 10	241 37	4,684 14	6,856 59	14,526 03
1888	557 28	614 94	2.846 52	213 62	6,662 26	6,721 50	17,617 86
1889	274 84	479 28	3,684 59	144 36	5,564 18	7,324 61	17,471 06
1890	302 49	794 36	4,364 03	150 89	5,651 38	7,386 33	18,649 48
1891	1,201 33	844 62	5,213 68	161 71	6,107 86	7,716 77	21,245 97
1892	1,253 06	899 81	5,371 60	166 45	5,220 50	7,535 57	20,447 55
1893	703 70	325 86	6,400 64	210 09	5,826 74	7,033 52	20,500 05
1894	1,094 89	220 07	6,504 66	615 69	7,955 42	8,218 96	24,609 69
1895	622 77	77 00	6,512 63	160 19	8,265 14	9,045 55	24,682 78
1896	834 52	61 25	5,623 67	147 02	7,639 48	9,155 35	23,461 24
1897	1,294 65	3 60	5,348 47	137 33	10,335 16	7,228 79	24,348 06
1898	1,038 19	....	5,730 13	277 40	2,172 60	7,264 09	16,482 41
1899	703 17	....	6,049 47	142 54	....	6,997 40	13,892 58
1900	611 57	....	5.082 43	137 40	....	7,322 05	13,153 45
1901	793 32	....	5,173 83	83 60	....	8,016 71	14,067 46
1902	826 69	....	5,098 37	78 15	....	9,722 83	15,726 04
1903	659 21	....	3,922 64	526 43	....	10,359 99	15,468 27
1904	969 54	....	4,286 47	69 47	....	11,729 75	17,055 23
1905	902 30	....	4,964 10	65 39	....	11,326 61	17,258 40
1906	807 96	....	5,209 65	62 83	....	10,565 96	16,646 40
Totals	$22,299 42	$4,992 48	$101,698 16	$4,275 22	$98,222 03	$205,321 03	$436,808 34

City Home Hospital receipts	$544 91

Of the persons who died during the year, one was over one hundred, three between eighty and ninety, five between seventy and eighty, three between sixty and seventy, six between forty and fifty, two between thirty and forty, one between twenty and thirty and two infants.

The average age of those who died was fifty-five and one-half.

The collections of offal were six and three-fourths per cent. less than last year, due largely to the warm winter which kept the offal from freezing, thereby reducing it in bulk about ten per cent.

I wish to call attention of the City Council to the conditions existing in the Offal Department.

It must be admitted that the work of this Department should be up to the highest standard, as the health of the community depends, in a great measure, upon the proper collection of garbage. If collections are not properly made, the sanitary condition of the city is unsafe.

At the present time the force of men and teams is inadequate for the needs of the city, which accounts for the great number of complaints from citizens. The best that can be done is to send out twenty wagons, and as there is one in the shop most of the time, the number, as a rule, is reduced to nineteen.

There has been no allowance made for increase of population and half holidays, for five years, and what is needed is the addition of three teams. Until this is done it will be impossible to make proper collections, and keep the residents from complaining, and rightfully, as at present.

As the matter is a serious one, I trust the City Council will give it their immediate attention, and appropriate a sum sufficient to make the department what it should be.

During the year a washing machine, an extractor, and a five horse-power motor have been put in the laundry, which enables us to wash more clothes and do better work than heretofore.

I wish to thank Dr. Brosseau, and Mrs. Carrie W. Walker, and their associates for entertainments furnished the inmates during the year.

I thank your honorable Board for valuable advice and assistance, and also thank the officers and employees in the departments under my charge for their faithfulness and efficiency.

Respectfully submitted,

CHARLES E. GOODROW,
Superintendent.

REPORT OF THE INSPECTOR OF ANIMALS

To the Honorable, the City Council: —

Gentlemen: — In compliance with the City Ordinance, I have the honor to present my annual report as Inspector of Animals and Veterinarian for the City of Cambridge for the year ending November 30, 1906.

I have thoroughly examined all the cows in the City, and they are all free from tuberculosis and in a healthy condition so far as can be determined by a physical examination.

Although the surrounding cities and towns have been infected with rabies, we have had only three cases in Cambridge. Two of these were dogs from other cities. Several persons were bitten, but they have all taken the Pasteur treatment, and suffered no serious results. As rabies among dogs and cats is a very serious matter, especially with children, I would recommend that upon the slightest provocation the dogs be all properly muzzled or confined, as the inconvenience or discomfort caused by muzzling is not to be compared with the value of a human life. It is always well to be on the safe side, and it is indisputable that persons who are bitten by dogs often are attacked by a disease that ends in horrible suffering and death. Citizens are entitled to the most careful protection whether the means be muzzling or killing.

In May I made a trip to Chicago and purchased horses for the various departments of the City, an account of which will be found in their reports.

The number of cases of glanders among horses has decreased, and has been decreasing for the past five years. This is due to the fact that the watering troughs have been kept clean, and the premises where glanders was discovered thoroughly fumigated.

I have examined six hundred horses in various stables throughout the City.

Number of horses killed, forty-two.

I have made in all 563 visits.

Appropriation		$800 00
Salary	$700 00	
A. Cunningham	68 44	
T. Metcalf	9 60	
F. N. Abare	2 75	
H. F. Hawthorn	5 00	
W. A. Claflin	13 40	
Balance on hand	81	
		$800 00

Thanking His Honor, the Mayor, and members of the City Council,

I am, Very respectfully yours,

CHARLES E. HADCOCK, M. D. V.,
Inspector of Animals.

REPORT OF THE BOARD OF HEALTH

To the Honorable, the City Council:—

In compliance with the Revised Laws creating Boards of Health and defining their duties, we have the honor to make our annual report for the year ending December 31, 1906.

We respectfully call the attention of your honorable body to the following list of complaints investigated and nuisances abated during the year: —

NUISANCES ABATED.

Full, overflowing and offensive privy vaults	2
Offensive and defective water-closets	69
Full and defective cesspools and catch basins	16
No traps to sinks	10
Leaky and defective traps	43
Defective drainage, open and defective drains	15
Plumbing tests made	46
Filthy yards	188
Filthy stables and cow sheds	52
Manure in yards and lots	11
Wet and damp cellars	12
Stagnant water on premises	7
Dead animals on premises	1
Dead hens on premises	4
Filthy buildings	6
Filthy cellars	58
New water-closets put in	14
Houses vacated	2
Dirty hen-coops	26
Miscellaneous	2
Total	584
Number of inspections	7,419
Number of subsequent inspections	3,916
Total	11,335
Number of notices served	180
Slop closets and sluice vaults abated	5
Offal receptacles cleaned and new ones provided	47
Vacant lots cleaned	7
Defective plumbing in whole house remedied	7
Cesspools abated	15
Number of houses placarded	244
Premises disinfected	537
Number of cellars from which hens were removed	2
Number of patients taken to Diphtheria Hospital	179
Number of patients taken to Cambridge Hospital	19
Number of patients taken to Somerville Hospital	29
Number of patients taken to Newton Hospital	4

MEDICAL INSPECTION OF SCHOOLS.

The diseases discovered in the schools and the number of cases are as follows: —

Chicken-pox	8
Diphtheria	1
Measles	7
Mumps	9
Scarlet fever	1
Whooping-cough	12
Pediculosis	181
Diseases of ear	13
Diseases of eye	117
Diseases of skin	198
Diseases of nervous system	5
All other diseases	222
Total	774

Medical Inspection of pupils in the schools has been continued along the lines followed since its establishment.

Its usefulness would be much increased by the employment of nurses who should visit the homes of the pupils and aid the parents by their instruction, in carrying out the directions given by the school inspectors.

It frequently happens that a pupil is excluded from school, and the parents instructed as to what should be done for the ailment. The pupil nevertheless returns after a longer or shorter absence in the same condition as when he left school. Much of this has been avoided where visiting nurses have been attached to the corps of Medical Inspectors of Schools.

DIPHTHERIA HOSPITAL.

January 1, 1906, there were in the hospital 10 cases remaining from the previous year. From January 1 to December 31, 1906, inclusive, there were admitted 147 patients. Of laryngeal diphtheria there were 27 cases, and 5 deaths; a fatality of 18.51 per cent. Of the ordinary form there were 120 cases, and 8 deaths; a fatality of 6.66 per cent. Of both forms combined the fatality was 8.84 per cent. On December 31, 1906, there were remaining in hospital 9 cases.

The stay in hospital and the termination of these cases (bacterially diphtheria) were as follows :—

Days.	Recovered.	Died.	Total Days.
1-96	..	1	1-96
1	..	1	1
2	..	1	2
3	..	1	3
4	1	1	8
6	3	1	24
7	3	1	28
8	1	..	8
9	1	1	18
10	5	1	60
11	8	1	99
12	4	1	60
13	7	..	91
14	12	..	168
15	3	..	45
16	8	..	128
17	12	..	204
18	6	..	108
19	6	1	133
20	16	..	320
21	4	..	84
22	5	..	110
23	2	..	46
24	2	..	48
25	5	..	125
27	2	..	54
28	3	..	84
29	1	..	29
30	1	..	30
31	3	..	93
32	2	..	64
33	1	..	33
34	..	1	34
39	2	..	78
48	1	..	48
60	2	..	120
62	1	..	62
93	1	..	93
Total..	134	13	2,443 1-96

The first case entered in the above table was brought in moribund, and died in 15 minutes.

There were also admitted 17 cases, all of whose cultures taken for diagnosis proved negative. Of these patients 2 had the laryngeal form of the disease.

The stay in hospital and termination were as follows :—

Days.	Recovered.	Died.	Total. Days.
2	1	..	2
3	5	..	15
5	1	..	5
6	2	..	12
7	2	..	14
8	1	..	8
10	1	..	10
16	1	..	16
17	1	..	17
25	1	..	25
42	1	..	42
	17	..	166

There were also admitted 2 patients who proved to have scarlet fever. Each was in hospital one day. One patient was sent home, and the other to the Somerville Hospital.

There were also admitted 3 patients who, though having positive cultures, never presented any clinical features of the disease. They were discharged in 5, 10 and 5 days respectively.

There was also admitted one patient having a positive culture but no clinical features of the disease. The case proved to be one of typhoid fever, with a positive Widal reaction. He was discharged well, after a stay in hospital of 46 days.

Total stay in hospital of all patients was 2,677 days, 15 minutes.

Patients remaining in hospital from 1905	10
Admitted during 1906	169
	179
Remaining in hospital	9
Discharge during 1906	170

HOSPITAL FOR INFECTIOUS DISEASES.

It is unnecessary in the present state of our knowledge as to the means by which infectious diseases are spread to enter into any long argument to prove that removal to hospital is the most efficacious measure for controlling their propagation. The removal of each case is the removal of a possible focus for the production of other cases, and all other measures such as fumigation of premises, and isolation of cases at home, which is possible in very few homes, and in the far greater number, even with the best intention, an absolute impossibility, are in comparison of slight importance.

No one conversant with the subject expects such a hospital to wipe infectious diseases out of existence. Life is now too complicated and its strands of communication too many and too closely interwoven to admit of such a consummation, but it offers the best means of holding such diseases in check.

The population of Cambridge at the present time is about one hundred thousand, and it has at its disposal nineteen beds for the reception of cases of diphtheria. The Cambridge Hospital, a private corporation, can, when filled to its utmost capacity, accommodate eight cases of scarlet fever. There is no place in the City to which a case of measles can be removed. The English Local Government Board estimated the accommodation necessary at one bed for each thousand of population, a proportion probably never reached by any city, and not to be expected.

Fear is entertained by some persons that a hospital for infectious diseases may act as a centre from which the infection of these diseases may be disseminated through the neighborhood, but the fear is unfounded, with the possible exception of small-pox. The London Fever Hospital, situated in a closely settled section of the town, for many years received cases of about all the infectious diseases, including diphtheria, scarlet fever, measles, typhus and typhoid and relapsing fever, and these diseases have been found by an investigation of the neighborhood to have been no more prevalent therein than in other sections of the town. Investigation also seemed to establish the fact that, on the other hand, small-pox was more prevalent in the neighborhood of a small-pox hospital when a large number of cases became accumulated therein.

As to the plan of hospital to be constructed much will depend upon whether all the buildings are to be permanent ones, or some to be of cheaper structure and renewed at intervals. The administration building should be of a permanent character whatever plan is adopted for the rest of the plant. More valuable knowledge on the subject will be gained by an inspection of hospitals built on different plans than by a long written description.

The hospital should not be located upon a clay formation but upon one permitting of thorough drainage and affording a dry foundation. It should have the most plentiful supply of fresh air and sunlight, for necessary as these adjuncts for the preservation of health are to the well, they are much more necessary to the recovery of health in those debilitated by disease.

Whatever plan may be adopted the following arrangement or some slight modification thereof appears desirable. A detached, permanent administration building, containing the living and sleeping apartment of the hospital force, kitchen, store-room, etc. The wards in separate blocks or cottages with their necessary appendages, providing for separation of the sexes and for persons affected with different diseases. Some other buildings for such purposes as laundry, stores, and disinfecting plant.

NOTE. Since the beginning of the new year (1907) the number of beds for scarlet fever patients has been increased to sixteen.

The General Court of Massachusetts recognizing the need for such a hospital as is referred to above passed in 1895, in act (Chap. 99) entitled "An Act to Authorize the City of Cambridge to establish Hospitals for Dangerous Diseases."

Section 1, of which read as follows :

> "The City of Cambridge by its City council, from time to time, after the passage of this act, may take and hold by purchase or otherwise any and all such real estate and lands within said City as it may deem advisable, for the erection and establishment thereupon of one or more hospitals for the reception of persons having a disease dangerous to the public health."

By section 6, of the same Act the city council is given authority to issue scrip or bonds to an amount not exceeding one hundred and fifty thousand dollars for the purpose of defraying the cost of such real estate as may be purchased, and of constructing, equipping and maintaining the hospital, and paying all expenses incident thereto.

The Board has several times reported to the Council the urgent need of a hospital for the care and treatment of cases of scarlet fever, diphtheria and measles.

The recent epidemic of scarlet fever, January, 1907, although of limited scope, emphasized once more the necessity of such a hospital. The cases for which the Board was called upon to provide hospital accommodations during the first three or four days of the epidemic substantially exhausted the hospital facilities at its disposal. If a similar number of cases had been reported in the succeeding days the Board would have been forced to seize a building for the care of them. Indeed only the aid furnished us by Somerville and Newton enabled us to avoid that step. Such a procedure, is at best, expensive and the results unsatisfactory. Delay upon the part of the City Government in this matter can, in the opinion of the Board, result only in substantial expense and loss.

A contagious hospital in Cambridge is a necessity. The Board strongly recommends its immediate establishment.

CLEAN MILK.

The movement resulting in furnishing pure clean milk for infants in Cambridge during the hot months of the past summer met with the active interest and co-operation of the Board. In its opinion much good was accomplished and a great deal of sickness and suffering among infants prevented.

The Board strongly recommends an appropriation for a continuation of the work during the coming summer. The work could with advantage well be commenced earlier and continued a few weeks later than last sea-and son a sufficient appropriation should be made to enable that to be done.

CHARLES T. WEEKS, M. D.,
J. PORTER RUSSELL,
JAMES F. MULLEN.

BACTERIOLOGICAL LABORATORY,
CITY HALL, CAMBRIDGE, January 1, 1907.

To the Board of Health: —

GENTLEMEN: — Below is a report of the work done in the laboratory during the year 1906: —

The total number of cases of diphtheria reported to the Board of Health for the year was 517, of which number 494, or 95 per cent., were confirmed by positive cultures. This is very encouraging compared with the showing of previous years, but still leaves a 5 per cent. more to be desired. Of 177 cases of tuberculosis of the lungs reported to the Board 118, or 66 per cent., were confirmed by the finding of tubercle bacilli in the sputum, and of 128 cases of typhoid fever 29, or 22 per cent., were confirmed by positive Widal reactions.

The total number of examinations made in the laboratory was almost ten thousand, compared with about two thousand last year and three thousand the highest year previous, *i. e.* 1900. This increase is due partly to two mild outbreaks of diphtheria, but mostly to the increasing use of the laboratory by physicians. A more general resort to laboratory tests for aid in the diagnosis of infectious diseases is gratifying from a public health point of view, but conditions are still far from satisfactory. A much more general use of laboratory aid in diagnosis would be desirable.

Especially is this true in cases of suspected typhoid fever. The small percentage of positive Widal reactions (9 per cent. of cases tested and 22 per cent. of cases reported) is the result of tests begun too early in the disease and too early discontinued.

Likewise in examining sputum for tubercle bacilli, we should undoubtedly obtain a higher percentage of positive results if specimens were repeatedly submitted where the case is clinically suspicious. At present one, or at most two negatives will convince some physicians either that the case is not tuberculous, or that laboratory diagnosis is of no value. Either conviction is open to error.

In examining for diphtheria bacilli we get more satisfactory results; the custom is better established, the clinical diagnosis is more difficult, and the positive results come earlier. But there are still too many cases diagnosed either positive or negative without laboratory tests in confirmation. Conditions however are improving, and the cause should be helped by offering every possible convenience to physicians for obtaining laboratory aid in diagnosis.

In January there was a mild outbreak of diphtheria among students at Harvard, which was found to have started probably from unrecognized cases among the servants at Memorial Hall. During the summer many of the children at Avon Home became infected with diphtheria bacilli, though fortunately they did not suffer severe clinical symptoms. Diphtheria has been more prevalent than usual this year in many localities, and the cases have been characterized by bacilli of considerable resistance, but not of great virulence.

DIPHTHERIA.

	POSITIVE.		NEGATIVE.		TOTAL.		TOTAL.			GRAND TOTAL.
	Diagnosis.	Release.	Diagnosis.	Release.	Diagnosis.	Release.	Positive.	Negative.	No growth.	
January	68	89	131	78	199	167	157	209	......	1,098
February	48	117	195	108	243	225	165	303	......	1,404
March	34	111	81	91	115	202	145	172	......	951
April	31	29	61	51	92	80	60	112	......	516
May	26	17	59	49	85	66	43	108	......	453
June	15	15	50	27	65	42	30	77	3	324
July	17	4	21	24	38	28	21	45	......	198
August	12	2	24	18	36	20	14	42	......	168
September	30	17	60	50	90	67	47	110	......	471
October	66	54	59	86	125	140	120	145	......	795
November	100	143	64	118	164	261	243	182	......	1,275
December	47	83	76	104	123	187	130	180	......	930
	494	681	881	804	1,375	1,485	1,175	1,685	3	8,583

	TUBERCULOSIS.			TYPHOID.			Other Examinations.	Grand total.
	Positive.	Negative.	Total.	Positive.	Negative.	Total.		
January	14	29	43	....	13	13	....	112
February	7	22	29	....	6	6	....	70
March	15	28	43	1	11	12	3	113
April	5	21	26	2	13	15	....	82
May	15	23	38	2	15	17	....	110
June	10	24	34	....	22	22	1	113
July	6	17	23	....	20	22	....	88
August	6	11	17	4	48	52	1	139
September	14	18	32	13	30	43	....	150
October	9	20	29	2	44	46	....	150
November	8	25	33	4	27	31	2	130
December	9	36	45	1	31	32	2	156
	118 30.1 p.c.	274	392	29 9.3 p.c.	280	311	9	1,413

Total examinations for the year 9,996

Respectfully submitted,

ALLAN F. BARNES, M. D.,
Bacteriologist.

To the Honorable, the Board of Health:—

The undersigned respectfully submits his report as Inspector of Provisions, the same being for the year ending December 31, 1906.

It is a gratification to me to be able to report that the general condition of stores throughout the City, so far as relates to the manner of exposing for sale and keeping of meats and provisions, is good. My investigation, which has been continuous throughout the year and which has been made without previous notice to the keepers of stores, satisfies me that there has been little cause for complaint.

The condition with reference to slaughter houses has been, in the main, satisfactory. The business has been carried on in accordance with the regulation passed by the Board and there has been no occasion to compel any enforcement of these regulations. Where it has been necessary to condemn meat or condemn animals which have been sent for slaughter, the orders of the Inspector have been cheerfully followed, no attempt having been made to avoid such orders.

I feel that I may be pardoned in noting the fact that, among seven slaughter houses in the State of Massachusetts which have been declared by the State Board of Health to be in first class condition, the three houses in Cambridge are included. The one slaughter house in Cambridge used for poultry has been regularly inspected every week and its condition has met the approval of the Inspector.

Report has heretofore been made to the Board of Health in relation to the manufacturing of ice cream by the larger manufacturers, and the Board has caused notice to be sent to concerns engaged in this business of the requirements which must be carried out. Since this notice from the Board, I have investigated and find that all of the makers of ice cream in this City are preparing to begin the coming season in strict compliance with the regulations of the Board. The peddlers of hokey-pokey and similar compounds have been driven out of the City, and, unless conditions change in the method of handling the preparation sold by such dealers, it will not be advisable to allow them to recommence business in Cambridge.

While the manufacture of ice cream has been conducted in a generally satisfactory manner, and undoubtedly during the coming season will be carried on in such a way as to merit entire approbation, the sale by retailers has given rise to many reasonable objections and investigation of many places engaged in this business discloses the fact that the dishes and drinking glasses used by patrons were not properly cared for. In many places there was no proper arrangement for cleansing, in fact some dealers used for this purpose, the water which had melted from the ice cooler. Other dealers had no arrangement whatever, except to dip the utensils in a pail of cold water.

The jugs for syrups in many cases were found in a filthy state, some having old cloths for stoppers, and covered with syrup, making an admirable breeding place for flies and other insects.

Wherever unfavorable conditions have been found, the Inspector has at once ordered them to be remedied and the orders have been complied with.

The statement with reference to the conditions of utensils used in the retail sale of ice cream has applied in many cases to the sale of soda waters and similar drinks, and the cause has been remedied as stated above. In the case of the sale of these articles by apothecaries, however, the objections before noted as a rule have not applied. Most apothecaries have installed arrangements for properly washing all utensils, and very many druggists are in the habit of using a solution of bi-carbonate of soda for that purpose. In a few cases I found that water only was being used, but my recommendation as to the use of bi-carbonate of soda and running water has been followed, and there is now no cause of complaint in that respect.

The statement in my last report with reference to complaints on the condition of canned and bottled goods applies with equal force today. Several such complaints have been made, but the Inspector has been unable to assist, as there has been at hand no means of obtaining analytic results, and recommendation is therefore made for a small appropriation, sufficient to enable the analysis of bottled and canned goods. Should this recommendation be followed, I think I can promise that any cause for further complaint will be remedied.

For your information as to the work performed by the Inspector during the past year, I respectfully submit the following statistical matter: —

SLAUGHTER HOUSES — ANIMALS KILLED.

Cows	64,000	pounds
Calves	37,976	"
Sheep	897	"
Hogs	2,762	"
Fowl	6,327	"

ANIMALS CONDEMNED.

	No.		
Cows	8	3,427	pounds
Calves	571	1,126	"
Hogs	3	692	"
Sheep	4	157	"

Of the foregoing animals condemned, some of the calves were immature; others were found to be in a weak condition on arriving at the slaughter house. Three hogs were condemned on account of septicaemia. Of the cows, seven were found to be tubercular, and one suffered from actinomycosis. Of the four sheep, three were condemned because they showed symptoms of pleuro-pneumonia and one had inflammation of the peritoneum.

The inspection of the stores and goods sold therein resulted in the condemnation of the following supplies: —

MEATS.

One barrel tripe	500	pounds
Beef	2,111	"
Venison	106	"
Veal	227	"
Game and poultry	1,237	"

9 beef livers and 22 rabbits were also condemned.

FISH.

Haddock, cod and salmon	2,630	pounds
Oysters (opened)	7	gallons
Oysters (unopened)	4	bushels
Clams (unopened	6	"
Clams (opened)	3	gallons
Lobsters	143	pounds

VEGETABLES.

Potatoes	18	bushels
Beets	4	"
Tomatoes	6	"
Tomatoes (canned)	6	dozen
Beans	9	bushels
Turnips	7	"
Carrots	2	"
Onions	11	"
Cabbage	1½	barrels
Squash	8	"
Corn (green)	5	bushels
Lettuce	12½	"
Spinach	18	"
Asparagus	9½	dozen
Egg plant	4	"
Pickles	35	gallons

FRUIT.

Apples	7	barrels
Grapes (Malaga)	1½	"
Grapes	223	baskets
Melons (canteloupe)	12	crates
Melons (water)	19	"
Strawberries	41	"
Raspberries	6	"
Blackberries	12	"
Currants	1½	"
Cherries	½	"
Pears	8	bushels
Peaches	41	baskets
Oranges	1½	boxes
Lemons	½	"
Pineapples	127	"
Cranberries	4½	bushels
Bananas	5	bunches
Plums	4	crates

There were also condemned 18½ dozen eggs.

Respectfully,

JOSEPH L. JOHNSON, *Inspector of Provisions.*

Office of the Board of Health,
Cambridge, December 31, 1906.

To the Board of Health of the City of Cambridge:—

The undersigned Clerk to the Board of Health submits a statement of the expenditures of the Health Department for the financial year ending November 30, 1906.

GENERAL EXPENSES.

Appropriation made by the City Council	$7,000 00	
Additional appropriation	700 00	
		$7,700 00

AMOUNT EXPENDED.

Paid Cambridge Hospital for care of 17 scarlet fever cases, 1 typhoid fever and 5 cerebro spinal meningitis	$2,622 92	
Paid City of Somerville for care of 6 scarlet fever cases and 1 erysipelas case	407 83	
Reimbursed other cities and towns	776 09	
Advertising	72 75	
Ambulance repairs and maintenance	108 85	
Bacteriological supplies	217 77	
Burial of animals	149 25	
Car tickets	500 00	
Care and transportation of rabies cases (Pasteur Institute)	668 15	
Carpentering and painting	36 67	
Certified copy of deed	71	
Chemicals, fumigators and maintenance	791 08	
Directory	4 00	
Express	7 70	
Extra man on ambulance	2 00	
Griffin, John B., services at Small-Pox Hospital	89 28	
Horse and carriage hire	69 00	
Ice	8 40	
Keep of horse, clipping, storage of vehicles, wagon and harness repairs and maintenance	507 00	
Legal services	15 77	
Moving property from Goodhue's stable	3 00	
Printing and postage	259 86	
Public sanitaries	72 10	
Riverbank Court, dinners	2 65	
Sherman, George E. (M.D.) Professional services	32 40	
Stationery and office supplies	69 79	
Telephones	187 01	
Typewriter repairs	1 20	
Vaccine	4 06	
		$7,687 29
Balance of appropriation		$12 71

SALARIES.

Appropriation made by Common Council		$12,930 00

AMOUNT EXPENDED.

Salary of Medical Inspector and Physician to Board .	$3,000 00	
" Clerk	1,200 00	
" Secretary	800 00	
" Bacteriologist	1,080 00	
" Sanitary Inspectors (3)	2,950 00	
" School Inspectors (11)	1,688 77	
" Plumber	1,000 00	
" Inspector of Provisions	1,154 92	
		12,873 69
Balance of appropriation		$56 31

DIPHTHERIA HOSPITAL.

59 Reservoir Street.

Appropriation made by the City Council . . .		$8,500 00	
Additional appropriation		200 00	
			$8,700 00

AMOUNT EXPENDED.

Salary of Physician	$1,200 00		
" Matron	720 00		
" Nurses	1,920 00		
" House-man	730 00		
" Cook	312 86		
" House-servant . . .	260 71		
" Laundress	312 86		
Consulting Physician	5 00		
		$5,461 43	
Medical supplies	$124 17		
Furnishings	110 62		
Coal and wood	257 74		
Gas	88 05		
Groceries and provisions . . .	1,650 58		
Milk	262 12		
Ice	93 94		
		2,587 22	
Miscellaneous			
Garden supplies	$5 80		
Paints and varnishes . . .	1 22		
Repairs and materials . . .	485 66		
Telephones	47 15		
Express	4 25		
		544 08	
			8,592 73
Balance of appropriation			$107 27

SMALL-POX HOSPITAL.

Appropriation made by City Council	$300 00	
Additional appropriation	2,500 00	
		$2,800 00

AMOUNT EXPENDED.

Services of attendant	$259 29	
Julian Dorso (damages)	2,500 00	
Wm. V. Thompson (examination of title)	25 00	
Oil	5 60	
Furnishings	50	
Matches	40	
		2,790 79
Balance of appropriation		$9 21

Respectfully submitted,

JAMES B. SOPER,
Clerk to Board of Health.

VITAL STATISTICS.

DEATH RATE PER 1,000 LIVING FROM ALL CAUSES.

Estimated Population, 98,583.

1897	1898	1899	1900	1901	1902	1903	1904	1905	1906
17.93	17.65	17.25	16.87	17.01	15.51	15.77	15.02	15.56	15.81

The male death rate for 1906 was 16.33; the female, 15.32.

The mean annual death rate for the ten years, 1897 to 1906, inclusive, is 16.43.

The estimate of population is that furnished by the State Board of Health.

In calculating death rates, the deaths of non-residents occurring in the City are excluded, and the deaths of residents wherever they occurred are included.

The death rate for the year just passed is usually a little below the correct rate, as the returns of the deaths of some residents which occurred at a distance from home may not be received till after the report has been made up. This error is corrected in the next annual report.

In the division of the City the districts correspond to the old five wards, and the present division into eleven wards is given in the next column.

SCARLET FEVER.

CASES REPORTED.

District.	Ward	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	Total.
	8	1	......	8	2	4	....	......	......	2	......	2	......	19	
1.........	9	......	2	2	....	12	2	1	......	......	......	1	2	22	41
	3	......	......	2	2	1	1	1	......	......	......	.....	2	9	
	4	......	2	3	....	3	1	......	......	1	1	......	1	12	
2.........	5	1	......	2	....	......	...	......	......	......	2	......	......	5	26
	1	......	3	1	....	......	2	1	2	2	......	......	......	11	
3.........	2	......	.....	1	....	......	....	7	5	3	1	......	......	17	28
	6	2	3	6	2	......	1	......	2	......	2	5	......	23	
4.........	7	4	1	3	....	4	1	......	......	.....	......	1	......	14	37
	10	3	......	1	2	6	1	2	1	1	......	......	3	20	
5.........	11	.....	1	1	....	2	....	1	......	2	4	1	2	14	34
		11	12	30	8	32	9	13	10	11	10	10	10		166

The reported cases of Scarlet Fever show an increase of 16 cases over those reported in 1905.

District 1 shows an increase of 17 cases.
District 2 shows a decrease of 17 cases.
District 3 shows an increase of 19 cases.
District 4 shows a decrease of 15 cases.
District 5 shows an increase of 12 cases.

Cases Reported Weekly.

Jan.	6	3	July	7	2
“	13	5	“	14	3
“	20	0	“	21	3
“	27	3	“	28	5
Feb.	3	3	Aug.	4	1
“	10	3	“	11	4
“	17	3	“	18	2
“	24	2	“	25	1
Mar.	3	4	Sept.	1	2
“	10	4	“	8	3
“	17	9	“	15	3
“	24	5	“	22	1
“	31	9	“	29	3
Apr.	7	1	Oct.	6	2
“	14	2	“	13	3
“	21	2	“	20	2
“	28	2	“	27	0
May	5	3	Nov.	3	4
“	12	5	“	10	5
“	19	12	“	17	3
“	26	8	“	24	1
June	2	5	Dec.	1	0
“	9	1	“	8	4
“	16	1	“	15	2
“	23	4	“	22	1
“	30	3	“	29	2

Age and Sex Distribution of 162 Cases.

Age.	Males.	Females.	Persons.
1- 2 years	0	2	2
2- 3 “	3	2	5
3- 4 “	5	4	9
4- 5 “	5	10	15
5-10 “	33	42	75
10-15 “	15	19	34
15-20 “	4	4	8
20-30 “	6	5	11
30-40 “	2	1	3
	73	89	162

Death Rate per 1,000 Living.

1897	1898	1899	1900	1901	1902	1903	1904	1905	1906
0.11	0.06	0.08	0.09	0.08	0.09	0.10	0.03	0.04	0.06

Morbidity, or Sick Rate, per 1,000 Living.

2.68	1.38	1.75	1.91	1.08	2.11	1.97	1.40	1.53	1.68

Fatality, or Case Death Rate, Percentage.

4.32	4.91	5.06	5.11	7.92	4.52	5.31	2.22	2.66	3.62

For the ten years recorded above the mean annual death rate was 0.07; the mean annual morbidity, 1.72; the mean annual fatality, 4.56.

DIPHTHERIA.

CASES REPORTED.

District.	Ward.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	Total.
	8	11	11	4	2	......	....	2	....	1	2	5	1	39	
1..........	9	9	4	2	1	2	....	....	3	3	11	2	7	44	83
	3	4	6	4	5	4	4	3	2	4	4	6	4	50	
	4	10	4	3	2	6	5	1	2	4	3	6	3	49	
2..........	5	2	3	1	3	7	3	....	4	1	5	10	4	43	142
	1	......	3	1	1	4	2	3	1	4	......	......	......	19	
3..........	2	3	......	1	1	......	1	....	3	...	1	......	......	10	29
	6	8	7	2	2	1	2	1	....	3	......	1	1	28	
4..........	7	10	11	4	4	3	2	3	...	3	5	3	3	51	79
	10	4	4	4	......	......	1	....	...	..	9	6	4	32	
5..........	11	13	1	14	4	6	4	3	6	12	42	31	16	152	184
		74	54	40	25	33	24	16	21	35	82	70	43		517

The reported cases of Diphtheria show an increase of 167 cases over those reported in 1905.

District 1 shows an increase of 23 cases.
District 2 shows a decrease of 12 cases.
District 3 shows a decrease of 12 cases.
District 4 shows an increase of 23 cases.
District 5 shows an increase of 145 cases.

Cases Reported Weekly.

Jan. 6	11	July 7	6
“ 13	11	“ 14	3
“ 20	29	“ 21	3
“ 27	15	“ 28	3
Feb. 3	18	Aug. 4	1
“ 10	10	“ 11	5
“ 17	16	“ 18	4
“ 24	11	“ 25	9
Mar. 3	15	Sept. 1	3
“ 10	3	“ 8	7
“ 17	14	“ 15	13
“ 24	5	“ 22	8
“ 31	9	“ 29	7
Apr. 7	10	Oct. 6	14
“ 14	6	“ 13	11
“ 21	1	“ 20	22
“ 28	6	“ 27	24
May 5	6	Nov. 3	17
“ 12	7	“ 10	18
“ 19	7	“ 17	18
“ 26	12	“ 24	18
June 2	5	Dec. 1	11
“ 9	6	“ 8	10
“ 16	0	“ 15	15
“ 23	8	“ 22	10
“ 30	8	“ 29	6

Age and Sex Distribution of 499 Cases.

Age.	Males.	Females.	Persons.
0– 1 year	2	3	5
1– 2 years	8	7	15
2– 3 "	14	15	29
3– 4 "	23	22	45
4– 5 "	18	26	44
5–10 "	89	109	198
10–15 "	24	41	65
15–20 "	16	12	28
20–30 "	33	18	51
30–40 "	5	10	15
40–50 "	3	1	4
	235	264	499

Death Rate per 1,000 Living.

1897	1898	1899	1900	1901	1902	1903	1904	1905	1906
0.60	0.34	0.61	0.78	0.65	0.36	0.30	0.26	0.27	0.26

Morbidity, or Sick Rate, per 1,000 Living.

3.74	1.73	5.58	10.00	6.61	4.88	3.38	3.42	3.59	5.24

Fatality, or Case Death Rate, Percentage.

15.8	19.0	10.9	7.78	9.59	7.60	8.69	7.57	7.71	5.02

For the ten years recorded above the mean annual death rate was 0.44; the mean annual morbidity, 4.81; the mean annual fatality, 9.96.

TYPHOID FEVER.

CASES REPORTED.

District.	Ward	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	Total.
	8	1	......	......	......	.....	....	....	2	1	......	......	1	5	
1..........	9	......	......	......	......	.....	....	....	1	8	1	.....	1	11	16
	3	......	......	1	......	......	....	....	2	9	5	2	....	19	
	4	2	......	......	......	......	....	....	2	3	1	3	....	11	
2..........	5	......	......	......	.....	1	....	1	......	1	......	2	....	5	35
	1	1	......	......	......	......	1	2	......	3	1	1	....	9	
3..........	2	......	.....	......	1	......	....	1	1	3	......	1	....	7	16
	6	1	......	......	......	......	. ..	1	......	5	......	2	2	11	
4..........	7	......	......	2	.....	1	1	....	2	3	2	4	....	15	26
	10	......	......	......	......	1	....	....	3	6	1	......	....	11	
5.	11	1	......	......	1	......	....	1	6	8	5	2	....	24	35
		6	......	3	2	3	2	6	19	50	16	17	4		128

In the table given above, the cases are entered under the months in which they were reported.

As cases are sometimes not reported till several weeks after the beginning of the disease, an erroneous conception may be formed of the monthly prevalence of the disease.

In the table below, the cases are entered under the months in which they were ill enough to go to bed. In 26 cases this date could not be determined.

1905	1906											
Dec.	Jan.	Feb.	March	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
3	3	0	3	3	4	4	6	31	37	20	6	2

The reported cases of Typhoid Fever show an increase of 17 cases over those reported in 1905.

District 1 shows an increase of 3 cases.
District 2 shows a decrease of 10 cases.
District 3 shows an increase of 1 case.
District 4 shows an increase of 1 case.
District 5 shows an increase of 22 cases.

Age and Sex Distribution of 116 Cases.

Age.	Males.	Females.	Persons.
3- 4 years	0	1	1
4- 5 "	1	0	1
5-10 "	5	1	6
10-15 "	4	9	13
15-20 "	13	8	21
20-30 "	21	16	37
30-40 "	14	9	23
40-50 "	7	4	11
50-60 "	2	0	2
60-70 "	0	1	1
	67	49	116

Death Rate per 1,000 Living.

1897	1898	1899	1900	1901	1902	1903	1904	1905	1906
0.14	0.15	0.23	0.16	0.10	0.18	0.13	0.22	0.19	0.19

Morbidity, or Sick Rate, per 1,000 Living.

1.22	1.09	1.11	1.20	1.03	1.36	1.29	1.41	1.13	1.29

Fatality, or Case Death Rate, Percentage.

10.4	14.5	20.0	13.5	10.4	13.28	11.36	16.91	17.11	14.84

For the ten years recorded above the mean annual death rate was 0.16; the mean annual morbidity, 1.21; the mean annual fatality, 14.23.

MEASLES.

CASES REPORTED.

District.	Ward	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	Total.
	8	6	12	41	9	2	6	....	1	....	......	......	......	77	
1..........	9	9	19	12	24	20	1	1	....	1	1	......	.....	88	165
	3	9	6	7	3	2	2	1	3	....	......	1	......	34	
	4	14	4	16	4	4	8	10	....	....	......	......	......	60	
2..........	5	18	23	17	8	2	....	1	....	....	......	2	4	75	169
	1	1	......	2	......	1	....	....	....	...	.....	......	2	6	
3..........	2	......	......	1	......	......	....	...	....	....	......	......	......	1	7
	6	5	7	27	29	12	3	4	....	....	......	......	......	89	
4..........	7	3	4	27	16	15	14	....	....	....	......	......	......	79	168
	10	.....	6	21	28	12	...	1	....	....	......	......	......	68	
5..........	11	7	4	34	9	.. ...	....	....	...	....	.... .	......	......	54	122
		72	85	205	130	70	36	18	4	1	1	3	6		631

The reported cases of Measles show an increase of 519 cases over those reported in 1905.

District 1 shows an increase of 150 cases.
District 2 shows an increase of 125 cases.
District 3 shows a decrease of 31 cases.
District 4 shows an increase of 161 cases.
District 5 shows an increase of 114 cases.

Cases Reported Weekly.

Jan.	6	11	July	7	9
“	13	11	“	14	4
“	20	14	“	21	3
“	27	28	“	28	2
Feb.	3	15	Aug.	4	2
“	10	24	“	11	1
“	17	14	“	18	1
“	24	26	“	25	0
Mar.	3	33	Sept.	1	1
“	10	37	“	8	0
“	17	50	“	15	0
“	24	39	“	22	0
“	31	60	“	29	1
Apr.	7	26	Oct.	6	0
“	14	32	“	13	0
“	21	33	“	20	1
“	28	33	“	27	0
May	5	18	Nov.	3	0
“	12	12	“	10	1
“	19	20	“	17	0
“	26	19	“	24	1
June	2	12	Dec.	1	1
“	9	12	“	8	3
“	16	8	“	15	3
“	23	4	“	22	0
“	30	6	“	29	0

Age and Sex Distribution of 617 Cases.

Age.	Males.	Females.	Persons.
0- 1 year	6	9	15
1- 2 "	16	14	30
2- 3 "	24	18	42
3- 4 "	17	24	41
4- 5 "	33	31	64
5-10 "	153	155	308
10-15 "	22	29	51
15-20 "	7	7	14
20-30 "	19	24	43
30-40 "	1	6	7
40-50 "	1	0	1
50-60 "	0	1	1
	299	318	617

Death Rate per 1,000 Living.

1897	1898	1899	1900	1901	1902	1903	1904	1905	1906
0.03	0.01	0.08	0.00	0.10	0.04	0.04	0.08	0.05	0.05

Morbidity, or Sick Rate, per 1,000 Living.

4.78	0.60	5.26	1.50	6.04	4.32	0.84	4.99	1.14	6.40

Fatality, or Case Death Rate, Percentage.

0.73	1.80	1.69	0.00	1.76	0.98	5.00	1.66	4.46	0.79

For the ten years recorded above, the mean annual death rate was 0.04; the mean annual morbidity, 3.58; the mean annual fatality, 1.88.

CONSUMPTION.

There were reported during the year 177 cases, the age and sex distribution of which were in 132 instances as follows: —

Age.	Males.	Females.	Persons.
5–10 years	1	1	2
15–20 "	6	7	13
20–30 "	24	23	47
30–40 "	24	23	47
40–50 "	5	7	12
50–60 "	9	0	9
60–70 "	1	1	2
	70	62	132

In the cases of 26 males and of 19 females the age was not given.

For the five years 1901–1905 inclusive the mean annual death rate per 1,000 persons living was for males, 1.88; for females, 1.95; for all persons, 1.92. For the year 1906 the death rate per 1,000 persons living was, males, 1.79; females, 1.37; all persons, 1.58.

Death Rate per 1,000 Living.

	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906
Cancer	0.54	0.82	0.56	0.75	1.03	0.83	0.75	0.87	0.77	0.83
Diarrhœal disease	2.21	2.00	1.35	1.51	1.05	1.04	1.17	1.20	1.08	1.03
Whooping-cough	0.19	0.25	0.31	0.13	0.11	0.09	0.15	0.03	0.14	0.45
Bronchitis	0.62	0.52	0.56	0.52	0.39	0.41	0.43	0.36	0.27	0.41
Pneumonia	1.20	1.66	1.81	1.65	1.86	1.74	1.92	1.51	1.86	1.67

The mean annual death rate for the ten years recorded above is of Cancer, 0.77; of Diarrhœal Diseases, 1.36; of Whooping-cough, 0.18; of Bronchitis, 0.44; of Pneumonia, 1.68

RETURN OF DEATHS (NON-RESIDENTS OMITTED)

Age and Sex Distribution.

Age	Males.	Females.	Persons.
0- 1 year	191	156	347
1- 2 years	43	39	82
2- 3 "	15	21	36
3- 4 "	4	9	13
4- 5 "	4	9	13
5-10 "	26	11	37
10-15 "	10	19	29
15-20 "	22	16	38
20-30 "	59	41	100
30-40 "	63	67	130
40-50 "	69	59	128
50-60 "	92	82	174
60-70 "	78	92	170
70-80 "	59	92	151
Over 80 "	46	65	111
Total	781	778	1,559

Monthly Distribution.

January	147	August	123
February	121	September	129
March	121	October	134
April	119	November	111
May	150	December	150
June	131		
July	123	Total	1,559

Causes.

	Males.	Females.	Persons.
Bronchitis	19	22	41
Pneumonia	77	88	165
Cancer	33	49	82
Cerebro-spinal Meningitis	12	8	20
Cholera Infantum	19	15	34
Diarrhoea and Cholera Morbus . . .	35	30	65
Dysentery	1	2	3
Diphtheria	12	14	26
Erysipelas	1	0	1
Fever, Scarlet	4	2	6
Fever, Typhoid	11	8	19
Influenza	1	2	3
Measles	2	3	5
Phthisis	86	70	156
Puerperal Septicaemia	0	1	1
Whooping-cough	20	25	45
Diseases of Brain and Spinal Cord . .	85	95	180
" Heart	92	88	180
" Kidney	37	46	83
Accident	46	15	61
Homicide	1	0	1
Suicide	7	1	8
Unknown and Ill-defined	29	39	68
All other causes	151	155	306
Total	781	778	1,559
Still-births	71	47	118

EDWIN FARNHAM, M. D.,
Medical Inspector and Physician to the Board.

REPORT OF SEALER OF WEIGHTS AND MEASURES

Office of the Sealer of Weights and Measures,
Brattle Square, Cambridge, December 1, 1906.

To the Honorable, the City Council:—

In compliance with the City Ordinance, I respectfully submit a report for the Department of Weights and Measures for the year ending November 30, 1906.

Appropriation			$2,748 00
EXPENDITURES.			
Salaries of Sealers:—			
George H. Dinan		$1,162 72	
John C. Connors		900 00	
		$2,062 72	
Assistants:—			
Francis J. McCarron	$128 10		
Maurice E. Boland	38 40		
Edward H. McCarron	20 10		
John F. Costello	13 20		
		199 80	
Care of Horse:—			
Street Department, for board	$216 00		
Street Department, for shoeing	11 80		
Fred D. Norton, clipping	2 50		
		230 30	
Repairs on Wagons and Harnesses:—			
Owen Doherty	$11 75		
Burton & McCannon	6 00		
Harvard Harness Store	1 50		
		19 25	
Marking Acid:—			
Malden Specialty Co		17 50	
Equipment:—			
H. C. Dimond, Seals dies, etc.	$15 11		
John J. McGivney, Brands	5 25		
Brock & Eaton, Hardware	4 80		
The Fairbanks Co., Hardware	2 25		
Watts Rule Co., Yard Measure	1 50		
		28 91	
Inspector of Animals, one horse	$195 00		
Credit from sale of old horse	110 40		
		84 60	
Office Incidentals:—			
N. E. Tel. & Tel. Co., Service	$22 90		
Boston Elevated Ry., Co. Car Tickets	20 00		
Amounts carried forward	$42 90	$2,643 08	$2,748 00

Amounts brought forward . .	$42 90	$2,643 08	$2,748 00
Cambridge Sign Co., Repairing Sign	16 00		
Caustic Claflin Co., Receipt Books .	14 50		
Cambridge Chronicle, Advertising .	8 75		
J. A. Cummings Co., Annual report .	7 05		
City Messenger, Stationery . .	4 52		
W. A. Greenough, Directory . .	4 00		
Helen C. Littlefield, Typewriting Report	3 50		
Milliken's Express, Expressage .	1 55		
Thomas J. Daly, Repairing Bell .	1 33		
Sawin's Express, Expressage . .	25		
		104 35	
		$2,747 43	$2,748 00

Appropriation	$2,748 00
Total expenditures	2,747 43
Amount unexpended	$ 57

REVENUE.

Fees for Sealing	$658 69	
Fees for Adjusting	31 50	
Weighing fees, E. I. Train	26 82	
Weighing fees, F. W. Bartlett	38 04	
		$755 05
Unpaid fees for 1906		2 95
Total of fees collected		$752 10
Total amount expended	$2,747 43	
Total of fees collected	752 10	
Net expense of department		$1,995 33

TESTS MADE AT OFFICE FOR YEAR ENDING NOVEMBER 30, 1906.

S — Sealed. A — Adjusted. C — Condemned.

	Scales.			Weights.			Dry Measures.			Liquid Measures.			Yard Measures.		Baskets		Milk Measures.	
	S	A	C	S	A	C	S	A	C	S	A	C	S	C	S	C	S	C
1905																		
Dec..	5	....	1	1	....	....	12	4	....	21	....	....	....	....	....	....	23,830	220
1906																		
Jan.... ...	5	4	1	6	4	....	10	1	....	114	....	....	....	....	3	....	17,362	312
Feb........	10	2	2	12	7	....	29	1	....	204	1	1	....	....	....	....	1,716	77
Mar........	47	4	5	33	2	....	92	4	....	171	....	....	....	....	....	....	18,079	487
Apr........	36	4	4	23	....	....	254	1	1	147	....	....	1	....	....	....	7,591	150
May	30	....	3	....	....	....	112	1	2	....	....	....	....	....	....	....	15,127	126
June.......	10	1	1	21	2	....	23	....	....	11	....	....	....	....	....	....	1,624	104
July	14	1	....	....	....	....	16	1	....	9	1	....	....	....	....	....	2,853	.....
Aug........	47	....	6	....	....	....	27	....	....	3	....	....	....	....	....	....	8,376	27
Sept........	3	....	2	....	....	....	11	....	....	....	....	....	....	....	....	....	11,556	.....
Oct.	17	1	1	16	....	....	25	4	....	....	....	....	....	....	....	....	15,238	106
Nov..	11	1	....	14	3	...	76	....	....	5	....	....	....	....	....	....	9,578	118
	235	18	26	126	18	....	687	17	3	685	2	1	1	....	3	....	132,930	1,727

Total number of tests made at this office, 136,424.

TESTS MADE OUTSIDE OF OFFICE FOR THE YEAR ENDING NOVEMBER 30, 1906.

S — Sealed. A — Adjusted. C — Condemned.

	Scales.			Weights.			Dry Measures.			Liquid Measures.			Yard Measures.	
	S	A	C	S	A	C	S	A	C	S	A	C	S	C
1905														
Dec.	......	......	.....	......	......	.....	......	......	.....	......	......	.....	......	.....
1906														
Jan.	3	1	1	......	......	.....	4	......	.....	2	... ..	.....	......	.....
Feb.	5	......	1	5	......	.....	8	......	.....	2	1	. ...	......	.....
Mar.	1	......	.....	.....	......	.....	......	......	.....	......	......	.....	......	.....
Apr.	174	19	5	433	25	5	240	4	9	239	1	7	31	.....
May	194	12	2	526	87	.....	164	......	.....	134	......	3	12	.....
June	248	35	10	791	29	.....	204	......	6	318	......	5	6	.....
July	173	37	4	744	84	.....	1	......	.....	1	......	.....	......	.....
Aug.	113	18	3	395	53	.....	18	1	1	47	1	2	1	.....
Sept.	335	48	6	921	60	.....	211	1	8	228	1	5	52	.....
Oct.	336	26	12	1,037	58	3	310	3	16	327	......	11	26	.....
Nov.	374	31	5	1,009	21	1	420	3	6	476	2	10	23	1
	1,956	227	49	5,861	417	9	1,580	12	46	1,774	6	43	151	1

Total number of tests made outside of office, 11,470.

RECORD OF TESTS MADE FOR YEAR ENDING NOVEMBER 30, 1906.

	Sealed.	Adjusted.	Condemned.	Total Inspected.	Per Cent. Sealed.	Per Cent. Adjusted.	Per Cent. Condemned.	Number Correct.	Number Incorrect.	Per Cent. Correct.	Per Cent. Incorrect.
Scales	2,191	245	75	2,266	96.7	10.8	3.3	1,946	320	85.9	14.1
Weights	5,987	435	9	5,996	99.8	7.3	.2	5,552	444	92.6	7.4
Dry Measures	2,267	29	49	2,316	97.9	1.3	2.1	2,238	78	96.6	3.4
Liquid Measures	135,389	8	1,771	137,160	98.7	......	1.3	135,381	1,779	98.7	1.3
Yard Measures	151	....	1	152	99.3	......	.7	151	1	99.3	.7
Baskets	3	....	....	3	100.0	......	.0	3	....	100.0	......
	145,988	717	1,905	147,893	98.7	3.2	1.3	145,271	2,622	95.5	4.5

Total of tests made 147,893.

WEIGHTS AND MEASURES DEPARTMENT.

INVENTORY OF PROPERTY.

STANDARDS FURNISHED BY THE COMMONWEALTH.

1 balance, 5 grains to 100 lbs
1 set (5) avoirdupois weights, 50 lb., 25 lb., 20 lb., 10 lb., 5-lb.
1 set (11) avoirdupois weights, 4 lbs. to 1-16 oz.
1 kilogramme in case.
1 steel meter in case.
1 brass yard measure.
1 set (5) iron dry measures, ½ bush. to 1 quart.
1 set (6) iron liquid measures, 1 gallon to 1 gill.

1 roll top desk.
1 black walnut desk.
1 table
1 scale cabinet.
2 benches
5 mats.
1 set card records, oak case.
1 hektograph.
1 blotter bath.

1 black walnut desk, used by Supt. of Janitors.
3 chairs.
1 clothes press.
1 wooden cabinet.
1 sink.
1 set Revised Laws.
1 set card index, oak case.
1 letter press.
Miscellaneous books, $200 00

1 bay horse	200 00	
1 express wagon	100 00	
1 light wagon	75 00	
1 pung	23 00	
2 harnesses	70 00	
1 plush robe	1 00	
1 stable blanket	2 00	
1 rain blanket	2 00	
1 woolen blanket	5 00	
		$678 00
1 halter	75	
1 hitch-weight	50	
1 platform scale, 1-2 lb. to 2,500 lbs.	75 00	
1 folding platform scale, 1-4 lb. to 600 lbs.	30 00	
1 balance, 1–10 millegramme to 500 grammes	35 00	
1 balance, 1–50 grain to 1-2 lb.	15 00	
1 sealers' balance, 1 grain to 8 lbs.	50 00	
2 sealers' trip scales (not used)	5 00	
1 spring scale, 1 lb. to 125 lbs.	1 00	
2 sets (19) avoirdupois weights, 4 lbs. to 1-8 oz.	10 00	
1 set (9) troy weights, 16 oz. to 1-8 oz.	3 00	
1 set (13) Metric Weights, 1 kilo to 1 gramme	5 00	
5 boxes miscellaneous weights (not standardized)	10 00	
1 set (3) iron weights, 25 lb., 10 lb., 5 lbs.	5 00	
40 50-lb weights	100 00	
3 glass graduates	1 00	
1 set (21) grain weights 1,000 gr. to 1-100 gr.	13 50	
1 set (21) metric weights, 50 gram to 1-10 mg.	13 50	
1 set (5) copper dry measures, 1-2 bush. to 1 quart	45 00	
1 set (3) brass dry measures, 1 qt. to 1-2 pint	5 00	
2 sets (14) copper liquid measures, 1 gallon to 1 gill	30 00	
1 yard measure	1 50	
1 iron truck	5 00	
1 5-gal. copper measure	15 00	
1 steel tape	10 00	
1 pair of inside callipers	3 50	
1 set brands	3 00	
1 plumbers' furnace	5 00	
Miscellaneous tools	50 00	
1 wagon scale (Lechmere Sq.)	400 00	
1 wagon scale (Union Sq.)	350 00	
		1.296 25
		$1,974 25

As shown by the following figures the work of this department is constantly increasing.

Number of tests made in 1902	98,362
" " " " " 1903	109,696
" " " " " 1904	112,917
" " " " " 1905	122,784
" " " " " 1906	147,894

This represents an increase of 50 per cent. in the past four years, the greater part of which is work performed in the office, for which no fees can be charged, under the provision of Sections 21 and 35, Chapter 62, Revised Laws.

The larger part of this work is the testing and sealing of glass milk jars, the frequent breaking of which necessitates their being replaced. One firm in this City has used approximately 100,000 jars this year and this department looks forward to an increased number to be tested and sealed next year.

As the tendency of this work is to constantly increase, the outside inspections and revenue of this department will diminish unless an additional deputy sealer is provided as recommended by me in previous reports. Early in the present year, the State Deputy Sealer informed this department that, with the present force, it was impossible to give proper attention to both branches of the work.

Section 22, Chapter 62, Revised Laws, provides that sealers shall annually and oftener if necessary, test all scales, weights and measures used in buying or selling, in their respective cities and towns. While in most cases, this annual inspection is sufficient, still there are some unscrupulous dealers in this City, over whom a constant supervision should be exercised. As at present constituted, this department is unable to exercise such supervision to the extent we feel is necessary.

The business of selling coal in bags containing one hundred pounds, has increased considerably, especially in the winter months. Section 89, Chapter 57, Revised Laws, gives the Sealer authority to reweigh any coal and to prosecute any violations of said statute. As there are very few consumers who have facilities for weighing this coal, the department is equipped with a scale which is carried on the wagon and inspections are made from the dealers' wagons on the street.

Considerable time was devoted during the late spring and summer to the inspections of ice scales, and the sale of ice. Heretofore these scales have always been tested in the spring, but this year additional tests were made during the summer months. Of 140 scales tested, 8 were ordered repaired.

This department is badly in need of a balance with a capacity of one hundred pounds. The present one has been in use many years, and is not accurate enough for the work this department is required to do.

Respectfully submitted,

GEORGE H. DINAN,
Sealer of Weights and Measures.

REPORT OF THE CITY ENGINEER

Office of the City Engineer,
Cambridge, December 1, 1906.

To the Honorable, the City Council:—

The City Engineer hereby submits his annual report, being the fortieth of the department, showing the operation and expenditures of the Engineering and Sewer Departments for the year ending December 1, 1906.

A brief summary of the year's work of the Engineering Department is as follows:—

FOR HIGHWAY DEPARTMENT.

Number of street lines given	123
Number of street grades given	195
Number of streets on which paving, curb, etc was measured	96
Number of assessments prepared	538
Number of plans and profiles prepared	50

FOR SEWER DEPARTMENT.

Number of Surveys	43
Number of lines given	455
Number of grades given	481
Number of sewers measured	39
Number of sewer assessments prepared	9
Number of sewers assessed	3
Number of plans or profiles prepared	47

FOR WATER WORKS.

Number of surveys	56
Number of grades given	215
Number of plans and profiles made	10

FOR PARK DEPARTMENT.

Number of grades given	30
Number of lines given	27

FOR PRIVATE PARTIES.

Number of street lines given	22
Number of street grades given	9

MISCELLANEOUS WORK.

Number of surveys	46
Number of houses measured	315
Number of plans or profiles prepared, tracings, etc.	19
Number of conduit plans prepared	66
Number of photographs taken	24

There are now on file in the office 9,883 plans.

FINANCIAL.

Engineering Department.

Appropriation, Salaries	$9,000 00	
" General Expenses	900 00	
Total		$9,900 00
Expended: —		
Salary of City Engineer	$3,000 00	
Salary of assistants	5,764 35	
General expenses	830 96	
		9,595 31
Balance unexpended		$304 69

In addition to the above amount charged to salaries of assistants, there have been expended and charged to departments as follows: —

To Assessors' plans	$251 40	
To Water Department	3,045 44	
To Park Department	247 00	
To Sewer Department	2,158 21	
To Engineering Department (as above)	5,764 35	
		$11,466 40

CLASSIFICATION OF SALARIES OF ASSISTANTS.

Accounts	$458 35	
Assessors' plans. — Surveys, measurements, and work on block plans for Assessors Department	357 45	
Accidents. — Surveys, plans and court attendance for Law Department	153 82	
Bridges. — Surveys, plans, examination and estimates	551 37	
Cemetery. — Surveys and plans, setting out lots, etc., at Cambridge Cemetery	72 23	
General surveys and levels. — Surveys and work on section and city plans and bench levelling	575 67	
Highways. — Surveys, levels, plans, estimates, measurements and assessments for Highway Department, also lines and grades for private parties	1,782 79	
Miscellaneous. — Unclassified work for committees and departments, vacations and sickness	1,031 96	
Parks. — Surveys, lines, grades, plans and estimates for Park Department	384 51	
Sewers. — Lines, grades, plans, estimates, measurements and assessments for Sewer Department	2,603 53	
Sidewalks. — Estimates, measurements, titles and assessments for Highway Department	151 30	
Water Works. — Surveys, lines, grades, plans and estimates for Water Works Department	3,158 62	
Location plans for electric conduits, gas and water pipes, etc.	184 80	
		$11,466 40

STREETS.

The following named streets have been laid out and accepted during the year: —

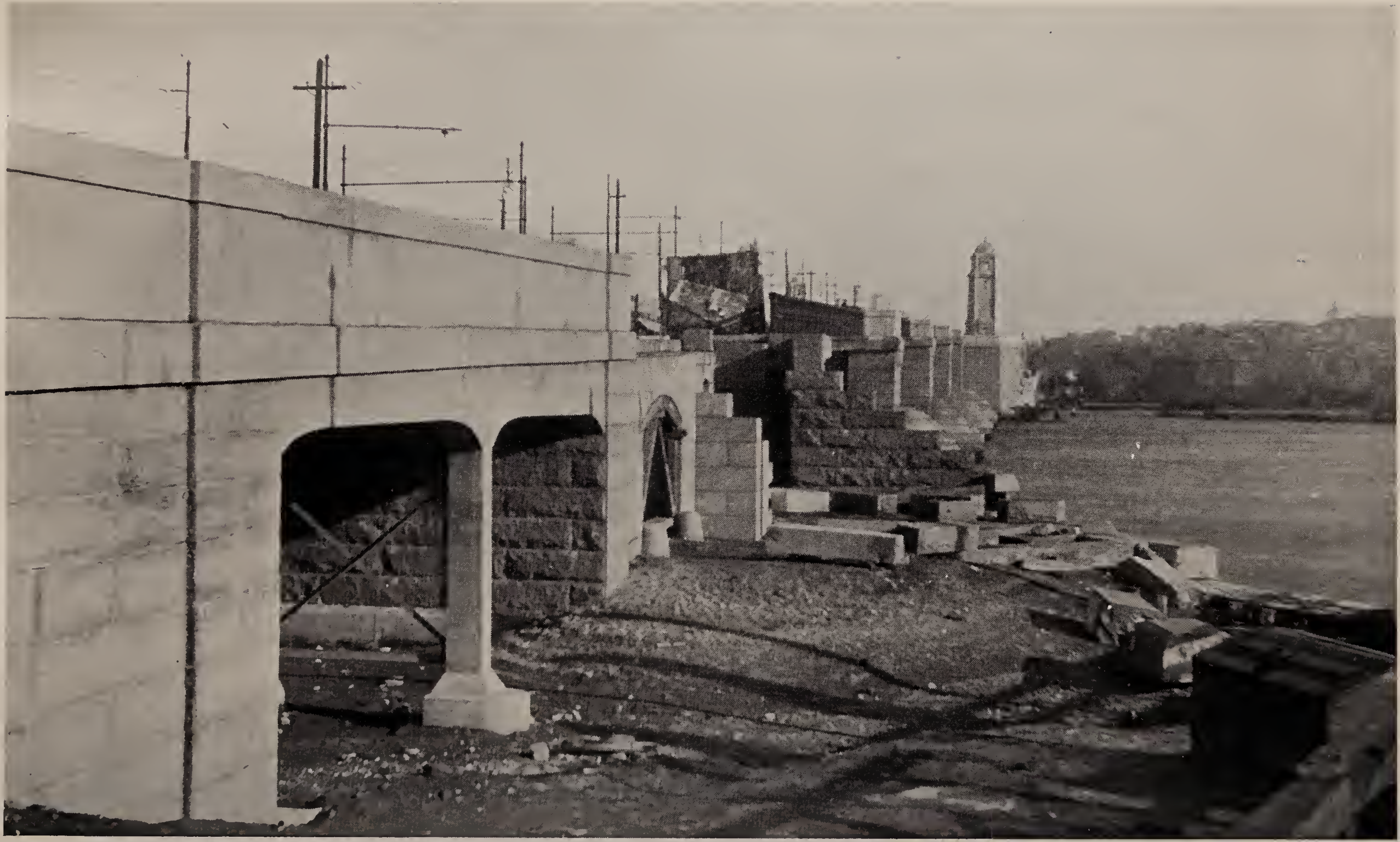
STREETS LAID OUT AND ACCEPTED DECEMBER 1, 1905, TO DECEMBER 1, 1906.

LOCATION OF STREET.						PLAN.	
Name.	From	To	Length in Feet.	Width in Feet.	Date of Acceptance.	Made by	Date.
Athens street	Southerly extension	Grant street	100.0	40	Dec. 28, 1905	City Engineer	June 11, 1903
Brookford street	Massachusetts avenue	Southerly	477.5	40	Dec. 16, 1905	G. Stanley Whitehead.	Apr. 30, 1904
Brown street	Brattle street	Foster street	489.6	30	Dec. 16, 1905	City Engineer	Nov. 20, 1903
Bryant street	Francis avenue	Irving street	341.0	50	Aug. 1, 1906	E. F. Bowker	May 17, 1906
Fenno street	Sherman street	Easterly	368.0	40	Dec. 28, 1905	W. A. Mason & Son	June 6, 1904
Francis avenue	Kirkland street	Bryant street	866.7	45	Aug 1, 1906	W. A. Mason & Son	Nov., 1903
Hancock street	Franklin street	Kinnaird street	166.3	30	Dec. 16, 1905	City Engineer	Nov., 1874
Lowland avenue	Charles street	Vine street	200.0	34	Dec. 22, 1905	City Engineer	Oct., 1895
Lowland avenue	Vine street	Spring street	200.0	40	Nov. 2, 1906	City Engineer	Mar. 9, 1906
Marie avenue	Highland avenue	Maple avenue	299.2	35	Aug. 1, 1906	E. F. Bowker	Oct. 14, 1905
Middlesex street	Wilson avenue	Railroad street	644.1	40	Dec. 16, 1905	W. A. Mason & Son	Aug. 14, 1895
Railroad street	Middlesex street	Yerxa road	299.0	40	Dec. 22, 1905	City Engineer	Sept. 16, 1905
Tuttle street	Donnell street	Huron avenue	596.2	30	Dec. 16, 1905	W. A. Mason & Son	Feb., 1904
Whittemore avenue	near Magoun street	near Harrison avenue.	731.5	40	Aug. 1, 1906	W. A. Mason & Son	Nov. 5, 1904
Winslow street	Garden street	near Upland Road	508.0	30	Dec. 28, 1905	City Engineer	Sept. 16, 1905

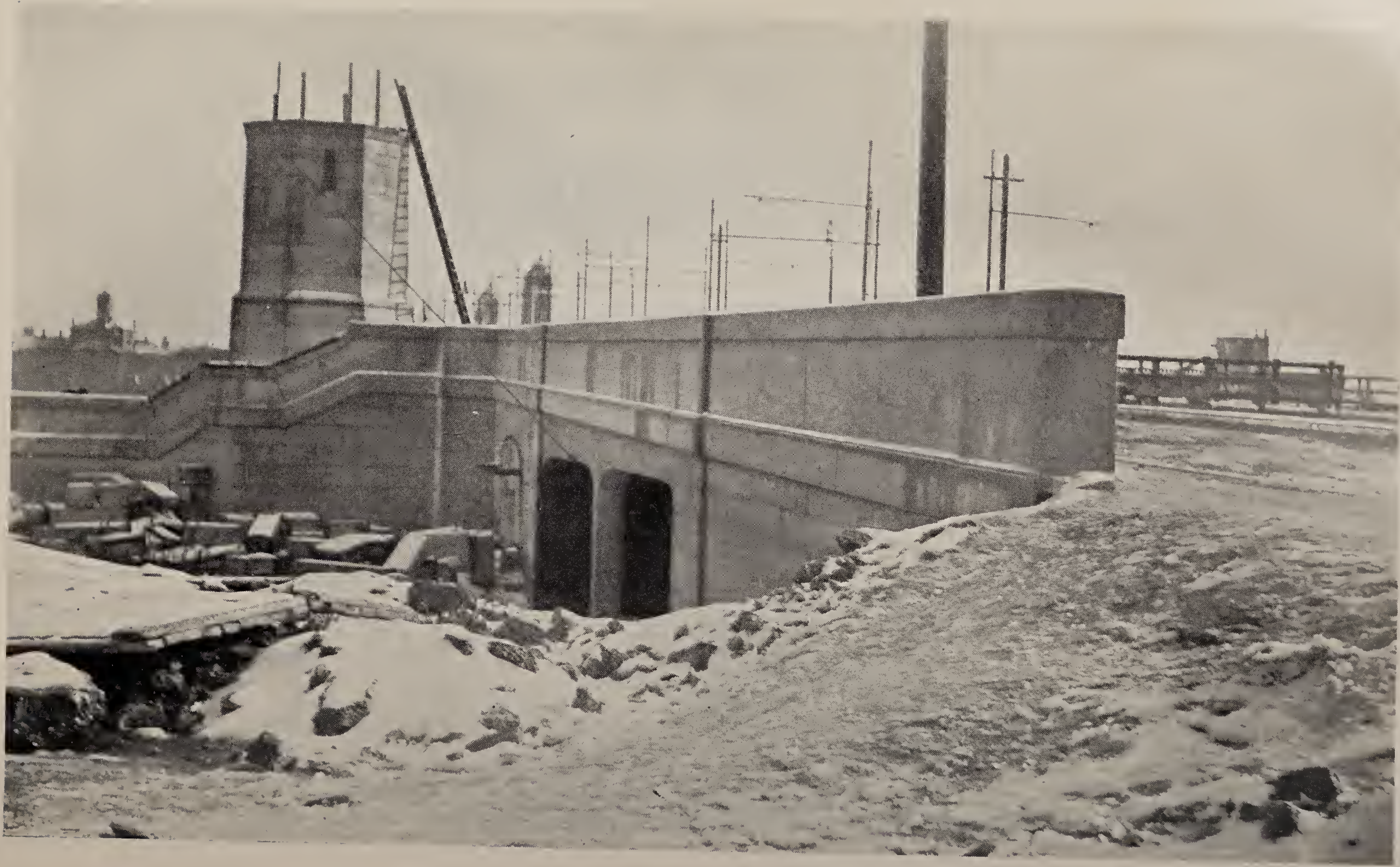
Total length of streets accepted from December 1, 1905 to December 1, 1906, 6,287.1 feet, or 1.191 miles.
Total length of streets accepted December 1, 1906, 100.733 miles.

LIST OF STREETS ON WHICH ACTION HAS BEEN TAKEN BY THE BOARD OF SURVEY.

STREET.	FROM	TO	LENGTH.	WIDTH.	DATE OF APPROVAL.
Allston street extension	Magazine street	Somerset street	260	40	Oct. 15, 1906
Auburn street.	Sidney street	Lansdowne street	370	40	July 19, 1906
Bismarck street	Newman street	Westerly	436	30	July 19, 1906
Bryant street	Francis avenue	Irving street	341	50	July 19, 1906
Clarendon avenue	Massachusetts avenue	Somerville line	737	40	July 19, 1906
Columbus avenue.	Massachnsetts avenue	Southwesterly	189	40	July 19, 1906
Gladstone street	Massachusetts avenue	Bismarck street	287	30	July 19, 1906
Houghton street	Prospect street	Somerville line.	37	40	Sept. 19, 1906
Lowland avenue	Vine street	Spring street	200	40	June 7, 1906
Madison avenue	Columbus avenue	Whittemore avenue	617	40	July 19, 1906
Marie avenue	Maple avenue	Highland avenue	299	35	May 1, 1906
Miller avenue	Orchard street	Somerville line	335	24	Sept. 19, 1906
Newman street	Massachusetts avenue.	Bismarck street	287	30	July 19, 1906
Seven Pines avenue	Yorktown street	Somerville line	321	40	July 19, 1906
Tenney street.	Orchard street	Somerville line	373	24	Sept. 19, 1906
Wellesley street	Massachusetts avenue	Danforth street	515	50	Sept. 19, 1906
Windsor street	Windsor street extension	Somerville line	188	38	Sept. 19, 1906



CAMBRIDGE BRIDGE APPROACH, SOUTH SIDE



CAMBRIDGE BRIDGE APPROACH, NORTH SIDE

MAIN STREET APPROACH TO THE CAMBRIDGE BRIDGE.

Work upon this approach was begun in 1905 and is now substantially completed; the bridge and approaches being opened for travel November 27, 1906. The contract with William Crane for constructing the abutments and bridge over First Street under-pass was completed by him August 2, 1906. The total amount paid under this contract was $28,395.39.

A contract was made with Austin Ford & Son Company for furnishing granite base for iron fence in extension of a similar base on the new bridge: $765.15 was paid for the completion of this work.

The street and approach has now been filled nearly its full width and nearly the whole of it paved and in use. The use of the old temporary bridge built in 1899 was discontinued November 27, 1906. The total cost of the approach to December 1, 1906, including land damages has been $274,150.51 of this amount $80,752.68 has been expended on sewer construction, First Street under-pass, paving and building street.

APPROACH TO BROOKLINE STREET BRIDGE.

The approach to this bridge has now been practically completed and the bridge was opened for travel November 29, 1906. The contract for filling made with Mr. William B. Mullen was completed July 20, 1906. The total amount paid under this contract has been $16,699.12. Fences have been built, curb stones set, the street paved from Granite Street to the bridge with macadam and the easterly sidewalk paved with brick. All the work has been done by day labor by the street department.

The Boston Elevated Street Railway Company have laid a double track in the street connecting with the Brookline Street track at Putnam Avenue. The total cost of the approach including filling, grading, moving boat house, etc. has been $21,516.11.

WALDEN STREET BRIDGE.

In accordance with recommendations made last year, it was determined to renew the metal sidewalk brackets of the bridge, which were found to be in a very dangerous condition.

A contract was made with the James Flynn Architectural Iron Works Company to replace the old brackets with new ones and encase them in Portland concrete. This work has now been completed and the sidewalks replaced. The cost to date has been $1,033.51.

BROAD CANAL BRIDGES.

The Third street and the Sixth street bridges are in fair condition and will need only minor repairs. The bridge at First street is in very poor condition, many of the piles have become broken, timbers have decayed or have been broken and the plank flooring has in many places worn through. The bridge should be immediately replanked and at an early day be thoroughly overhauled and strengthened.

The bridges at Massachusetts Avenue over Alewife Brook, Wellington street over Wellington Brook and the two bridges at Huron Avenue, will need only small repairs.

COMMERCIAL AVENUE BRIDGE OVER LECHMERE CANAL.

The preliminary location plans for this bridge were approved by the Harbor and Land Commissioners January 18, 1906, and August 1, 1906, an order was approved providing the necessary funds for the construction of the bridge.

A contract with the Scherzer Rolling Lift Bridge Company of Chicago, Ill., to prepare plans and specifications of their patent double leaf bridge was executed September 17, 1906, and the plans are now practically completed. It is intended to at once obtain bids for the construction of this bridge according to these plans. Meanwhile plans for the piers and substructure are being prepared and will be contracted for at an early day.

RAYMOND STREET SUBWAY.

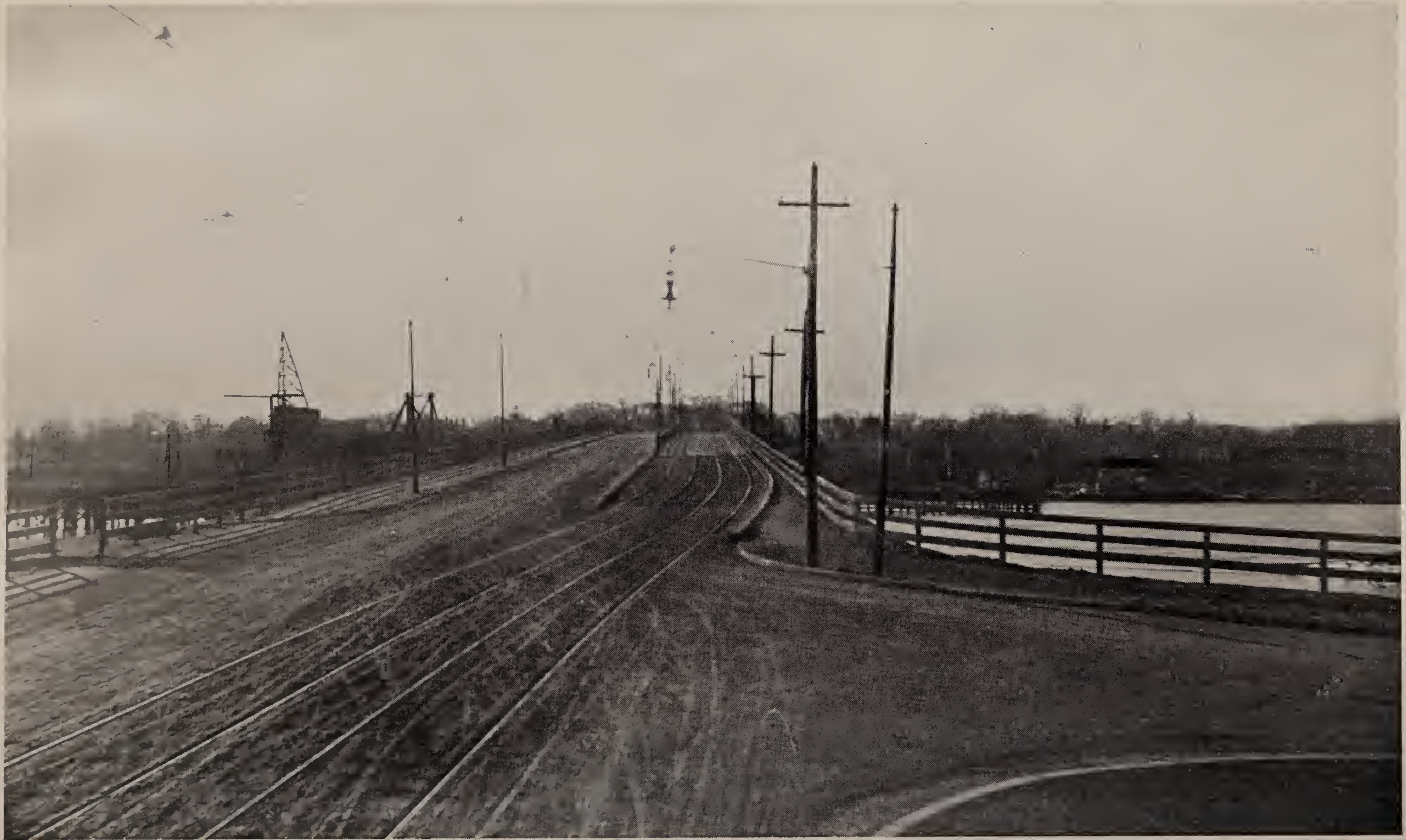
This subway which was begun last year was completed by the contractor, Mr. Fannon, in the early part of this year and opened for use February 26, 1906. It has proved a great convenience to the residents of that vicinity. The cost of the subway complete is as follows :—

Contract, J. H. Fannon	$5,447 58	
Boston & Maine R. R. Co.	1,289 25	
Incidentals, building drain, etc	542 64	
Wiring and lighting	48 00	
Total		$7,327 47

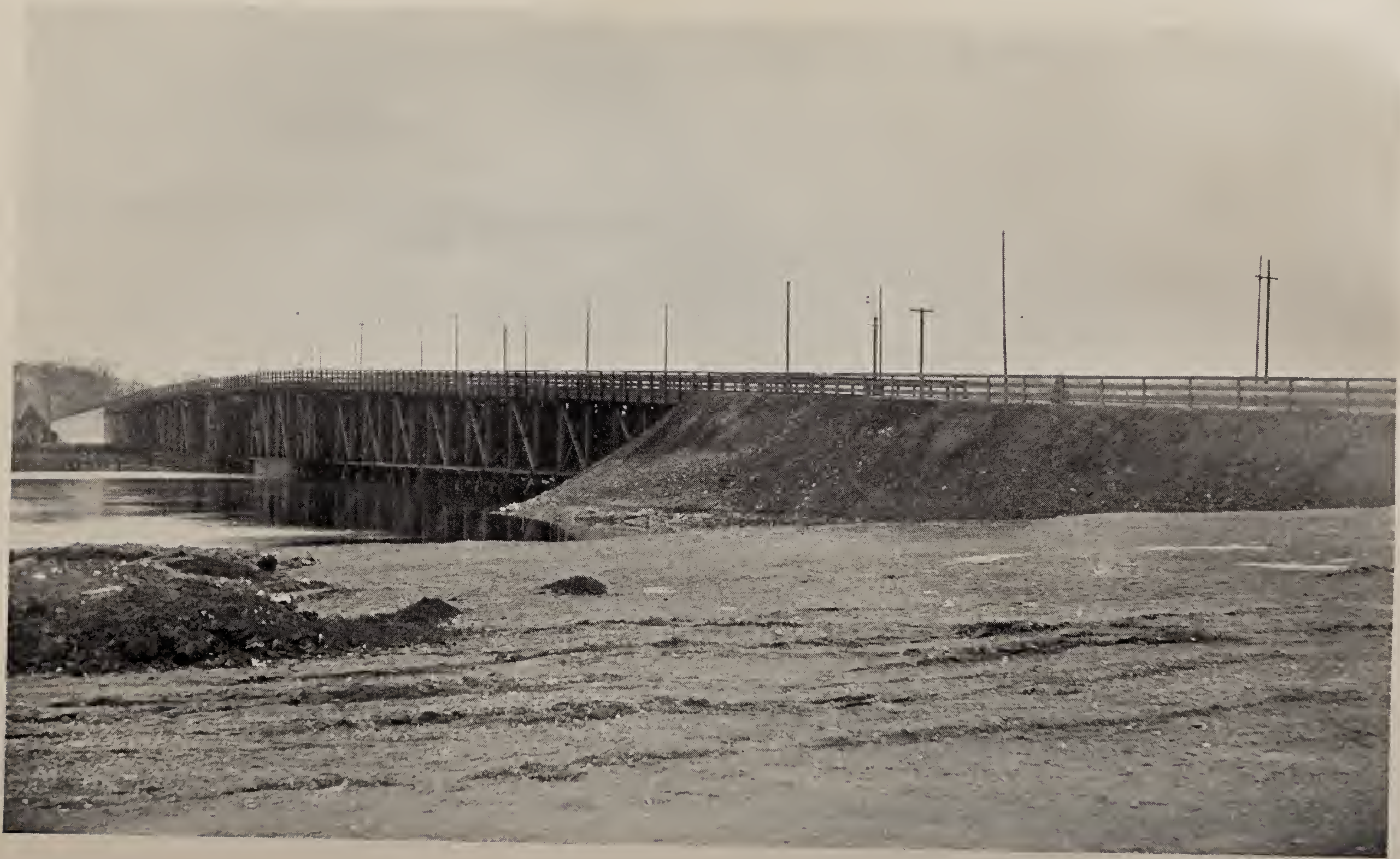
SEWERS.

HOLDEN AND CARVER STREET DISTRICT.

Work was begun on this district in 1905 and carried up to Carver Street at Wendell Street. Construction was taken up in the early part of this season and the district completed by constructing sewers in Carver, Crescent, Sacramento, Wendell, Hammond, Gorham and Howland Streets, a length of 4427.1 feet.



BROOKLINE STREET BRIDGE AND APPROACH



BROOKLINE STREET BRIDGE AND APPROACH, EAST SIDE

The amount expended in 1906 in this district has been $24,997.03, making the total amount expended in this district $45,168.42 and the total length of sewers constructed 6700.3 feet. Of the total cost $24,706.67 was charged to the appropriation for "Improved Sewerage" and $20,461.75 was charged to the appropriation for "Separate System."

RAILROAD STREET AND COGSWELL AVENUE DISTRICT.

In accordance with orders passed May 23, 1906, the construction of sewers in this district was begun in May, 1906, and continued throughout the season. Sewers have been constructed in Railroad Street, Cogswell Avenue, Massachusetts Avenue, Orchard Street, Blake Street, Hadley Street, Davenport Street, a total length of about 5224 feet. The total amount expended on these sewers has been $29,952.14. This expense has all been charged to Separate System.

GENERAL SEWER CONSTRUCTION.

The total length of sewer conduit constructed during the year was 3.035 miles, making the total mileage in the City 133.761 miles. The length of streets newly sewered during the year has been 0.645 feet making the total mileage of streets sewered with one or more conduits 115.15 miles.

The total cost of sewer construction to date, including $1216.69 paid by Street Department for catch basin construction, has been $1,995,001.27.

Sewers have been built on streets on petition by owners as shown by the annexed schedule.

Fifty catch-basins have been built during the year at a total cost of $3,578.80 Of this amount $1,216.69 has been paid by the Street Department.

Eighty-five catch-basins have been repaired at a cost of $1,562.72; 5,609 loads of material have been removed from 2,340 catch-basins during the year at a cost of $6,060.54.

Nineteen persons have been licensed as drain-layers during the year Permits have been granted for sewer repairs or connections as follows: —

For repairs	87 permits
" connection to combined sewers	91 "
" " " sanitary "	39 "
" " " storm "	15 "

A total of 145 permits for connections and 87 for repairs.

CAMBRIDGE SUBWAY OF THE BOSTON ELEVATED STREET RAILWAY COMPANY.

The Act of the Legislature approved June 23, 1906, and accepted by both the City of Cambridge and the Railroad Company providing for the construction of a two track subway from the approach to the Cambridge bridge to Harvard Square is of the greatest importance to the City, and vitally affects the transportation problem of this and the adjoining localities. In general the effect of the operation of such a subway can hardly fail to be beneficial to the prosperity of the City. In its construction, however, a general derangement of the surface of the streets occupied and of the conduit, pipes and sewers contained in the stteets will inevitably occur.

It will be necessary to place many of these structures under the sidewalks, and in the case of sewers an entire re-construction of most of them will be necessary.

Plans are now being prepared by the Railroad Company to be submitted for the approval of the City dealing with these important questions.

It is expected that the work of construction will be begun at an early date in the spring of the coming year.

ALEWIFE BROOK DISTRICT.

While much legislation and expensive investigation have been devoted to the question of improving the Fresh Pond meadows and territory adjacent to Alewife Brook, as yet little or nothing has been accomplished and the conditions are steadily getting worse.

The first Act of the Legislature (Chapter 327, 1903) approved May 7, 1903, authorized the construction of tide-gates at the outlet of Alewife Brook into Mystic River together with improvements in the brook itself; this led to an investigation by the Metropolitan Park Commission and the procuring by them of a report on the whole question, dated September 21, 1904.

The second Act approved June 8, 1904, (Chap. 445–1904) authorized the construction of a dam at Craddock Bridge in Medford across the Mystic River, and also an examination and report by the State Board of Health of the matters discussed in the report to the Metropolitan Park Commission.

March 7, 1905, an Act (Chap. 129–1905) was passed appropriating $3,500.00 to the use of the State Board of Health for the purposes of the report. In May, 1906, the State Board of Health presented its report to the Legislature, and June 27, 1906, an Act (Chap. 529–1906) was passed authorizing the Metropolitan Park Commission to expend $100,000.00 on the improvements and works recommended in the report of the State Board of Health.

Before the necessary acceptance of this Act by the four municipalities interested in the improvement was given as required in Section 8 of the

SEWERS CONSTRUCTED BETWEEN DECEMBER 1, 1905, AND DECEMBER 1, 1906.

Streets.	From	To	Material.	Size in inches.			Number of			Ave'ge depth of cut.	Length in feet.			Cost.		Time when work was	
				Combined.	Storm.	Sanitary.	Man-holes	Lamp-holes.	Inlets.		Com-bined.	Sanitary.	Storm.	Per foot.	Total.	Begun.	Finished.
Carver st	Hammond st	Sacramento st	Akron pipe Brick and concrete		10&12 in	16x21	1		36	10		393.00	393.00	$8 07	$3,173 96	Dec. 1, 1905	July 15, 1906
Hammond st	Carver st	near Oxford st	Akron pipe			8	3	1	77	10		1074.60		5 09	5,468 56	Dec. 1, 1905	May 1, 1906
Wendell st	Carver st	near Oxford st	" "			8	3		48	10		769.10		4 56	3,507 51	Dec. 1, 1905	Jan. 13, 1906
Pearl ter. and private land	Valentine st	Pearl st	" "		10 & 8	8	2		55	6		406.90	406.90	1 58	644 62	Dec. 1, 1905	Dec. 23, 1905
Sidney st	Pacific st	Decatur st	" "		12	8	1		29	12		241.10	241.10	4 39	1,057 82	Dec. 28, 1905	Jan. 20, 1906
Tudor st	Sidney st	Brookline st	" "		10	8	1		54	7		401.40	401.40	98	392 81		
Gorham st	Hammond st	Wendell st	" "			8	1	1	22	9.5		318.00		2 09	663 45	Apr. 10, 1906	Apr. 30, 1906
Clark st	School st	Southerly	" "		10	8	1		17	10		173.00	173.00	4 35	752 09	Apr. 18, 1906	May 1, 1906
Gorham st	Wendell st	Northerly	" "			8		1	10	10		172.80		2 09	361 15	Apr. 27, 1906	May 5, 1906
Arcadia st	Harris ct	Eustis st	" "	8 in.				2	8	7	133.80			72	96 50	May 1, 1906	May 3, 1906
Sacramento st	Carver st	Oxford st	Akron pipe Brick and concrete		15	16x21	4		74	9.5		814.40	215.25	8 77	7,146 12	May 1, 1906	July 8, 1906
Sidney st	Erie st	Northeasterly	Akron pipe		15 & 12	10 & 8	1	2	54	12		444.00	442.50	4 39	1,949 16	May 3, 1906	May 22, 1906
Crescent st	Sacramento st	Oxford st	" "			8	2	1	52	8.5		649.60		2 80	1,809 48	May 17, 1906	June 20, 1906
Howland st	Hammond st	Wendell st	" "			8	1	1	18	10		235.60		3 04	717 60	May 5, 1906	May 18, 1906
Cogswell ave	West of Mass. ave	Massachusetts ave	" "			15	1		21	11.5		372.20		10 19	3,795 66	May 24, 1906	July 3, 1906
York st	Portland st	Berkshire st	" "		10	8	1		38	11		261.60	261.60	5 71	1,494 61	June 1, 1906	July 5, 1906
Craigie pl	Craigie st	Westerly	" "	10			1		14	8.5	204.50			1 12	228 70	June 19, 1906	June 23, 1906
Fifth st	Cambridge st	Southerly	" "	10				1	14	9	200.00			1 87	375 71	June 25, 1906	July 2, 1906
Blake st	Massachusetts ave	Orchard st	" "			12	1		28	12.5		442.20		4 64	2,053 23	July 5, 1906	Aug. 10, 1906
Pilgrim st	Sidney st	Easterly	" "		10	8	1		30	9		265.20	265.20	4 94	1,312 10	July 6, 1906	July 31, 1906
Massachusetts ave	Cogswell ave	Easterly	" "			15–10–8	5		45	14		*1600.00		5 60	8,950 36	July 5, 1906	Dec. 1, 1906
Orchard st	Blake st	Northwesterly	" "			8	3	1	34	9		424.50		1 98	840 51	July 30, 1906	Aug. 18, 1906
Orchard st	Blake st	Southeasterly	" "			10	5		63	10		862.30		1 98	1,710 66	Aug. 13, 1906	Sept. 6, 1906
Hadley st	Massachusetts ave	Northeasterly	" "			8	2		18	9.5		300.60		2 54	763 87	Aug. 10, 1906	Aug. 28, 1906
Railroad st	Sherman st	Northeasterly	Brick and concrete			21x28	3		46	12.5		1200.00		9 54	11,443 06	Aug. 22, 1906	Dec. 1, 1906
Davenport st	Orchard st	Northerly	Akron pipe			8	2	1	17	10		241.60		1 22	394 79	Sept. 4, 1906	Sept. 15, 1906
Francis ave	near Everett st	Southerly	" "		10	8	1		50	9.5		300.80	300.80	1 62	486 13	Sept. 13, 1906	Sept. 25, 1906
Albany st	Pacific st	Southerly	" "		12x10	8	1		44	12		354.20	354.20	8 87	3,143 32	Sept. 25, 1906	Nov. 6, 1906
Columbia st	Cambridge st	Southerly	" "			8	1	1	33	11.5		439.00		2 96	1,298 66	Nov. 6, 1906	Dec. 1, 1906

* About 290 feet of sewer in ledge.

Act, an agreement was made in conference with the Metropolitan Park Commission and the municipalities, that before any work of construction was begun the detail plans of the proposed work shall be submitted to the municipalities interested for their approval, and if this approval is not obtained all parties shall unite in an effort to have the Act repealed or amended. Late in October of this year the Act was accepted and an agreement was also entered into by which the proportions of the expense to be borne by each municipality was determined as follows :—Cambridge, 45 per cent., Arlington, 24 per cent., Belmont, 21 per cent., and Somerville, 10 per cent.

It is understood that the Metropolitan Park Commission are now at work on the plans for the work and will present them for approval at an early day.

The important sections of the Act of 1906, follow :—

[Chapter 529.]

Section 1. "The Metropolitan Park Commission shall, in connection with the construction of a dam in Mystic river, make improvements in and about Alewife brook and its tributaries and drainage areas of said brook and tributaries substantially in accordance with the report of the State Board of Health under Section 2 of Chapter 445 of the Acts of the year nineteen hundred and four."

Sect. 2. "For the purpose of carrying out the provisions of this Act said Commission may from time to time take in fee or otherwise, by purchase or otherwise for the Commonwealth, lands, flats and lands covered with water, easements, rights and other property situated within five hundred feet on either side of the center of the channel of said brook and tributaries, by filing in the registry of deeds for Middlesex county a description thereof sufficiently accurate for identification, signed by a majority of the commission. Said commission may construct and maintain under any public way or railroad location any drain or other structure in such manner as not unnecessarily to obstruct travel thereon and may change the location of said brook and any of said tributaries where the same crosses a public way or railroad location and elsewhere and shall have all other powers necessary to carry out the purpose of this Act."

Sect. 4. "The cost of such improvements shall not exceed the sum of $100,000.00, and shall be paid by the Cities of Cambridge and Somerville and the Towns of Arlington and Belmont, in the following manner: — The supreme judicial court sitting in equity shall, upon application of said commission and after such notice as it may order, appoint three commissioners, who shall, after due notice and hearing, in such manner as they shall deem just and equitable, determine in what proportion the cost of said improvements shall be paid by each of said Cities and Towns, and shall return their award into said court, and when the same has been accepted by said court it shall be a final adjudication and binding upon all parties." (The provisions of this last paragraph have been modified by agreement as already stated.)

SECT. 8. "This act shall take effect upon its acceptance by the City council of each of said Cities and by the selectmen of each of said Towns within four months of its passage." "Approved June 27, 1906."

The following table shows some of the maximum rates of rainfall during the past year as recorded by the automatic rain gage maintained at the City Hall: —

DATE.	TOTAL RAINFALL.				MAXIMUM RATE RAINFALL.				
	Period.	Length of Time.		Amount in Inches.	Period.	Length of Time.		Amount in Inches.	Rate Per Hour in Inches.
		hr.	min.			hr.	min.		
Feb. 21, 1906......	5.00 p.m. to 12.00 p.m.	7	00	1.43	9.20 p.m. to 9.28 p.m.	0	08	0.17	1.25
Mar. 3 and 4, 1906.	3d 4th 12.00 m. " 4.40 a.m.	16	40	2.44	3d 11.50 p.m. " 11.55 p.m.	0	05	.13⅓	1.60
June 16, 17 and 18 1906..............	16th 18th 7.40 p.m. " 2.00 a m.	30	30	1.12	17th 4.08 a.m. " 4.18 a.m.	0	10	0.30	1.80
June 30 and July 1 and 2, 1906. ...	June 30th July 2d 9.30 a.m. " 6.40 a.m.	45	10	2.22	June 30th 11.30 a.m. " 11.40 a.m.	0	10	0.50	3.00
July 10, 1906.......	3.00 p.m. " 5.20 p.m.	2	20	1.00	3.45 p.m. " 3.55 p.m.	0	10	0.58	3.48
July 30, 1906	1.00 a.m. " 6.00 a.m.	5	00	0.96	3.20 a.m. " 3.35 a.m.	0	15	0.30	1.20
Aug. 27, 1906	8.00 p.m. " 11.40 p.m.	3	40	0.82	8.00 p.m. " 8.15 p.m.	0	15	0.55	2.20
Sept. 30, 1906......	5.40 a.m. " 8.20 a.m.	2	40	0.90	6.25 a.m. " 6.35 a.m.	0	10	0.60	3.60
Oct. 9, 1906	6.00 p m. " 12.00 p.m.	6	00	1.82	9.25 p.m. " 9.35 p.m.	0	10	0.55	3.30

SEWER DEPARTMENT.

FINANCIAL.

Maintenance Appropriation		$20,000 00
Expended: —		
Catch basin repairs and opening	$1,562 72	
Cleaning catch basins	6,060 54	
Care of gates, etc.	961 00	
Cleaning sumps	168 88	
Cleaning and flushing sewers	1,257 78	
Repairing manholes	289 59	
General expense	3,660 08	
Office expense	381 06	
Sewer repairs, etc.	1,184 67	
Stable account	1,934 57	
New shed at yard	1,141 76	
Total		18,602 65
Balance		$1,397 35
Construction General Appropriation		$15,000 00
Expended: —		
Valentine Street	$247 92	
Sidney Street	3,006 98	
Pearl Terrace	85 05	
Hawthorne Avenue	79 25	
Decatur Street	392 81	
Clark Street	752 09	
Amounts carried forward		

Amount brought forward		
Arcadia Street	96 50	
York Street	1,494 61	
Craigie Court	228 70	
Fifth Street	375 71	
Pilgrim Street	1,312 10	
Francis Avenue	486 13	
Albany Street	3,143 32	
New catch basins	2,362 11	
New manholes	141 80	
General expense	661 48	
Total		14,866 56
Balance		$133 44

Improved Sewerage: Appropriation		$5,815 42
Expended: —		
Pearl Terrace	$311 65	
Sacramento Street	306 32	
Hammond Street	458 25	
Wendell Street	596 75	
Carver Street	3,173 96	
Columbia Street	968 45	
Total		5,815 38
Balance		04

Separate System: Appropriation		$57,253 42
Expended: —		
Wendell Street	$2,910 76	
Hammond Street	5,010 31	
Gorham Street	1,024 68	
Sacramento Street	6,839 80	
Howland Street	717 60	
Crescent Street	1,809 48	
Cogswell Avenue	3,795 66	
Blake Street	2,053 23	
Massachusetts Avenue	8,950 36	
Hadley Street	763 87	
Orchard Street	2,551 17	
Davenport Street	394 79	
Railroad Street	11,443 06	
Columbia Street	330 21	
Execution of court, bullard *et al*	1,822 55	
General expense	326 57	
Total		50,744 10
Balance		$6,509 32
Receipts (Sewer Assessments)		$6,099 96

The following statement shows the amount of the appropriations (met by special loans outside the City debt limit) and the amounts expended each year on Improved Sewer and Separate System Construction since the work first began : —

	Improved Sewer Construction.		Separate System Construction.	
	Appropriation.	Expended.	Approporiation.	Expended.
1899	$100,000 00	42,989 24	....	....
1900	99,010 76	73,619 11	....	....
1901	125,391 65	76,546 14	....	....
1902	68,845 51	61,997 27	....	....
1903	47,848 24	47,821 13	....	....
1904	47,027 11	35,730 95	$25,000 00	$19.551 26
1905	61,296 16	55,480 74	30,448 74	23,195 32
1906	5,815 42	5,815 42	57,253 42	50,744 10
		$400,000 00		$93,490 68

The Metropolitan Sewer tax assessed on Cambridge for the year 1906 is as follows : —

Sinking fund requirements	$13,054 03
Interest account	47,959 92
Maintenance and operation	23,881 62
	$84,895 57

WATER WORKS.

Water wasted over the Stony Brook Dam as follows : —

December, 1905	72,450,000	gallons
January, 1906	238,200,000	"
February, 1906	252,900,000	"
March, 1906	1,222,450,000	"
April, 1906	1,107,550,000	"
May, 1906	343,050,000	"
June, 1906	182,050,000	"
July, 1906	45,250,000	"
August, 1906		
September, 1906		
October, 1906		
November, 1906	150,000	"

Total amount passing the dam during the year 3,464,050,000 gallons.

TABLE SHOWING RAINFALL AT STONY BROOK BASIN AT WESTON, AT HOBBS BROOK BASIN IN WALTHAM, AND THE CITY HALL AND HARVARD OBSERVATORY, CAMBRIDGE, DECEMBER 1, 1905, TO DECEMBER 1, 1906.

Day of Month.	DECEMBER, 1905.				JANUARY, 1906.				FEBRUARY.				MARCH.				APRIL.				MAY.				JUNE.				JULY.				AUGUST.				SEPTEMBER.				OCTOBER.				NOVEMBER.				Day of Month.
	Stony Brook.	Hobbs Brook.	City Hall.	Harvard Observ.	S. B.	H. B.	C. H.	H. O.	S. B.	H. B.	C. H.	H. O	S. B.	H. B.	C. H	H. O.	S. B.	H. B.	C. H.	H. O.	S. B.	H. B.	C. H.	H. O.	S. B.	H. B.	C. H.	H. O.	S. B.	H. B.	C. H.	H. O.	S. B.	H. B.	C. H.	H. O.	S. B.	H. B.	C. H.	H. O.	S. B.	H. B.	C. H.	H. O.	S. B.	H. B.	C. H.	H. O.	
1								0.04																					1.69	1.55	1.05	2.04																0.08	1
2	0.06	0.25		0.08																	0.19	0.25	0.13	0.12			0.09	0.02	0.16	0.20	0.22	0.41								T						0.07		T	2
3	1.00	0.85	1.08	0.88			0.35								1.80														0.09		0.20					0.03	0.18	0.12	0.17	0.17									3
4					0.90	0.95	0.68	0.91					2.19	2.00	0.64	2.58			0.04										0.83	0.55	0.60	0.68	0.45	0.40	0.30	0.05													4
5					0.06			0.05		0.03										T	0.11	0.15	0.13	0.09	0.07	0.15	0.09	0.04	0.05			T				0.11								T					5
6								T				0.02					0.36	0.35	0.30	0.29	0.57	0.65	0.20	0.63		0.15	0.11	0.13					0.06								0.10	0.10	0.10	0.11					6
7								0.02				T											0.40			0.10		0.02			0.10																		7
8							0.04							0.15	0.05	0.05											0.04	0.09			0.05	0.09	0.20	0.30	0.22	0.32													8
9							0.04	0.07	1.22	0.90	1.10	0.66	0.60	0.55	0.48	0.05			0.20	1.16	0.13		0.17	0.16	0.22	0.28	0.22	0.04		0.10		T				T					1 06	1.25	1.70	1.63				0.04	9
10	0.49	0.60	0.60	0.93								0.52				0.87	1.13	0.95	0.91	0.22					0.10	0.13			0.45	0.55	1.00	0.30	0.07										0.12	T	0.10		0.07	0.01	10
11				0.01													0.23	0.25																		0.04									1.30	1.15	1.15	1.24	11
12				T	0.18	0.18	0.13	0.01					0.22	0.25	0.28	0.25																																	12
13								0.04		0.10	0.20	0.05									0.07		0.03	T																0.06								T	13
14					0.22	0.15	0.23	0.11			0.15	0.07											0.03														0.09			T									14
15								0.31	0 43	0.50	0.25	0.53	0.96	0.80	1.60	1.21	0.34	0.40	0.44	0.37												0.02															0.05		15
16					0.62	0.50	0.70	0.38				T															0.30	0.97																	1.14	0.85	1.45	1.70	16
17								0.25																	1.09	0.90	0.75	0.13	0.22	0.12	0.15	0.11																	17
18					0.11	0.15	0.07	0.01																	0.40	0.60	0.07	0.02																				0.01	18
19								0.06						0.65	1.30	1.67									0.06	0.10																							19
20	0.50	0.15		0.55	0.02	0.05		T					1.50		0.50																										0.76	0.60	0.50	0.65					20
21	0.49	0.80	1.00	0.53				0.01	0.68	0.80	1.43	0.78				T													0.55	0.80	0.46	0.47	0.18	0.60	0.20	0.24	0.41	0.60	0.62	0.78						0.25	0.19	0.24	21
22				0.02				T																								0.01	0.14			0.03	0.91	0.70	0.64	0.65				T	0.27		0.03		22
23	0.17	0 25	0.18	0.09	0.45	0.40	0.30	T									0.15	0.20	0.14	0.09					0.24	0.18	0.20	0.19				0.09	0.34	0.45	0.24	0.02													23
24							0.18	0.54												T	0.12		0.10	0.14					0.20	0.40	0.17	T				0.16													24
25									0.50	0.55	0 47	0.42									0.17	0.15	0.12	0.13																	0.23	0.35	0.16	0.14				0.02	25
26														0.10	0.25	0.03													0.30	0.05	0.07	0.03				0.03				T				T				0.04	26
27													0.19	0.20	0.10	0.06					1.38	1.95	0.92	1.95									0.89	1.00	0.82	0.63	0.12	0.10	0.10	0.08						0.10	0.10		27
28				0.50				0.01													1.65	1.55	2.58	1.45							T													0.01	0.10	0.05	0.07	0.09	28
29	0.44	0.80	0.52	0.06				T													0.13		0.30					0.03																					29
30	0.27												0.40	0.40	0.35	0.55	0.18	0.30	0.25	0.19							0.95	T	0.60	0.65	0.96	0.92					1.00	0.95	0.90	0.70									30
31								T					0.10		0.17																										0.71	0.40	0.85	0.55					31
Total	3.42	3.70	3.38	3.65	2.56	2.38	2.72	2.82	2.83	2.88	3.60	3.05	6.16	5.10	7.52	7.32	2.39	2.45	2.28	2.32	4.52	4.70	5.11	4.67	2.18	2.59	2.82	1.68	4.87	4.97	5.03	5.37	2.33	2.75	1.78	1.63	2.71	2.47	2.43	2.44	2.86	2.70	3.43	3.09	2.91	2.47	3.11	3.47	

TABLE: SHOWING COMPARISON BY MONTHS OF THE TOTAL PRECIPITATION AT STONY BROOK BASIN, HOBBS BROOK BASIN, HARVARD OBSERVATORY AND CAMBRIDGE CITY HALL; ALSO THE NUMBER OF DAYS IN WHICH RAIN FELL AT CITY HALL, DECEMBER 1, 1905, TO DECEMBER 1, 1906.

Point of Observation.		1905	1906											
		Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Total.
Stony Brook Basin.	Total Precipitation.	3.42	2.56	2.83	6.16	2.39	4.52	2.18	4.87	2.33	2.71	2.86	2.91	39.74
Hobbs Brook Basin.	Total Precipitation.	3.70	2.38	2.88	5.10	2.45	4.70	2.59	5.03	2.75	2.47	2.70	2.47	39.22
Harvard Observatory.	Total Precipitation.	3.65	2.82	3.05	7.32	2.32	4.67	1.68	5.37	1.66	2.44	3.09	3.57	43.31
City Hall.	Total Precipitation.	3.38	2.72	3.60	7.52	2.28	5.11	2.82	5.03	1.88	2.43	3.43	3.11	41.64
	Number of days in which rain fell	6	10	6	11	8	11	10	12	6	5	7	8	98

HOBBS BROOK CONDUIT.

The second section of this conduit, extending from Irving Street, Watertown, to River Street in Waltham, was constructed during the year. Surveys were made early in the season for the location and land takings necessary, and the work of construction was commenced early in the season and is now practically completed.

The length of conduit completed this year is 15,206 feet, making the total length from Fresh Pond to its present terminus at River Street in Waltham 27,335.35 feet or 5.177 miles.

This conduit is built of concrete and is 63 inches in diameter. Two parties of three assistants each were engaged for the season on this work, and the cost $3,045.44 was charged to and paid by the Water Department.

TUNNELS UNDER BROAD CANAL.

Under the acts authorizing the Charles River Basin, it was required that Broad Canal should be dredged and its bottom lowered so as to give a certain depth of water. At the crossings of First, Third and Sixth streets both the Water Department and the Cambridge Gas Light Company maintained pipes crossing the canal beneath its bed. These would be disturbed in the work of lowering the bed of the canal. It was thought best to at this time place these pipes in tunnels or subways constructed so deep as not to be disturbed and allow access for inspection, repairs, etc., taking the money which the state would otherwise expend for lowering the pipes to assist in defraying the cost of the work.

Accordingly plans were prepared and a contract has been made for the construction of these three tunnels with the Charles R. Gow Construction Company who will begin work at an early day.

PARK DEPARTMENT.

A considerable amount of work was done at Rindge Field in laying out the shelter building and laying out the work for grading, planting and finishing.

It has long been desired to connect the two portions of the parkway lying on either side of the Boston & Albany branch railroad tracks by a suitable bridge, and so make it possible to construct a continuous driveway from Harvard Bridge to the western part of the city by the park road. Application was made to the Boston & Albany Railroad Company for permission to construct a concrete-steel bridge across their tracks and their consent was given thereto, also the approval of the Massachusetts Railroad Commission was obtained to construct the bridge with a reduced clearance or head room over the tracks.

Detail plans have been prepared and bids received for constructing the bridge, and the contract was awarded to the W. A. Murtfeldt Company of Boston to construct the bridge.

Work has already begun on the foundations and it is intended to carry the work forward as the winter permits.

The Engineering Department is organized as follows :—

City Engineer.
LEWIS M. HASTINGS.

Principal Assistant.
GEORGE DAVIS.

Assistants.
HENRY T. BURRAGE, office assistant and draughtsman.
G. FRANK HOOKER, in charge of street work.
FRANK. B. WILLIAMS, in charge of sewer work.

Transitmen.
GIDEON H CLOYES, JR. RAY L. COOLIDGE. FRED L. SABIN.

Rodman.
EDGAR W. DAVIS.

Clerk and Stenographer.
MARY E. ROWEN.

Superintendent of Sewers.
THEODORE L. PIKE.

Two Temporary assistants in addition have been employed in the Department during the summer and six assistants additional have been employed on Water Works construction during the year.

Respectfully submitted,

L. M. HASTINGS,
City Engineer.

SUMMARY OF SEWERAGE STATISTICS.

(In form recommended by Sanitary Section of Boston Sociery Civil Engineers.)

For the year ending December 1, 1906.

CAMBRIDGE, MASSACHUSETTS.

GENERAL.

Population by census of 1905	97,434
Total area of city or town	6.535 square miles
Area served by sewerage system	about 6.00 " "
Collection System, for sewage only	18.065 "
" " for sewage and surface water	110.061 "
" " for surface water only	5.635 "
Method of disposal	Discharge into ocean by the Metropolitan (State) sewer

COLLECTION.

MAINS (EVERYTHING BUT HOUSE AND CATCH BASIN CONNECTIONS).

	For sewage only	For sewage and surface water	For surface water only
Lineal feet extended during year	2.609	0.036	0.390
Method of flushing		By use of hydrant hose	
Method of cleaning		By scraping and flushing	

HOUSE CONNECTION.

By whom made	by property owners
Sizes	6 inch diameter

CATCH BASINS.

Number	....
Number cleaned	....
Average amount material removed per catch basin	....
Cost of removing material per cubic yard	....
Cost of removing material per catch basin per year	....

DISCHARGE OF SEWAGE.

Estimated population using sewer system	97,000
Number of buildings connected	estimated at 15,000

FINANCIAL.

CONSTRUCTION.

Receipts.		*Expenditures.*	
Bonds issued . . .	....	Collection works :	
Appropriation . .	$78,068 84	(*a*) Mains . . .	$71,426 04
Assessments not available for expenditure .	6,099 96	Balance	6,642 80
House connections .	....		
Other sources . . .	....		
Total . .	$78,068 84	Total . . .	$78,068 84

MAINTENANCE AND OPERATION.

Receipts.		*Expenditures.*	
Appropriation . . .	$20,000 00	Administration . .	$2,387 06
		Repairs	3,036 98
		Cleaning sewers . .	1,996 22
		Cleaning catch basins .	6,060 54
		Flushing sewers . .	391 44
		Unclassified expenses .	4,736 41
		Balance	1,397 35
Total . . .	$20,000 00	Total . .	$20,000 00
		Interest on bonds . .	....
		Sinking fund . . .	....

GENERAL.

Total cost of collecting mains	$1,995,001 27
Total cost of works to date	....
Bonded debt at date	891,000 00
Value of sinking fund at date	....
Average rate of interest on bonds, 3½ per cent.	
Proportion of cost of system assessed on abutters . . .	Estimated at ¾
Yearly assessment for maintenance	Nothing
Method of assessing abutters and rate of assessment . . .	Based on frontage and area of lot within 100 feet of street

ANNUAL REPORT OF THE CHIEF ENGINEER OF THE FIRE DEPARTMENT

Chief Engineer's Office, City Hall,
Cambridge, Mass., December, 1906.

To the Honorable, the City Council: —

Gentlemen: — I have the honor to submit herewith my second annual report of the Fire Department, for the fiscal year ending November 30, 1906.

ORGANIZATION.

The number of companies are as follows: — Seven (7) engine companies, two (2) chemical companies, four (4) ladder companies, one of which has in connection with it, one (1) combination hose and chemical wagon.

MANUAL FORCE.

The permanent force as now organized consists of

1 Chief Engineer.	1 Assistant Chief Engineer.
4 Captains.	6 Lieutenants.
7 Enginemen.	54 Privates.

CALL FORCE.

7 Captains.	7 Lieutenants.	51 Privates.

SALARIES PAID THE DEPARTMENT.

Chief Engineer, per year	$2,000 00
Assistant Chief Engineer, per year	1,500 00
Permanent Captains, per year	1,300 00
Permanent Lieutenants, per year	1,250 00
Permanent Enginemen, per year	1,200 00
Permanent Privates, per year, first year	820 00
Permanent Privates, per year, second year	920 00
Permanent Privates, per year, third year	1,095 00
Call Captains, per year	270 00
Call Lieutenants, per year	252 00
Call Privates, per year	240 00

APPARATUS.

The department has seven (7) steam engines and hose wagons to run with them, one (1) spare steam engine, seven (7) fuel wagons, two (2) chemical engines, one (1) combination chemical and hose wagon, four (4) ladder trucks, one of which is equipped with two thirty-gallon chemical tanks and one (1) spare ladder truck. There are twenty-nine (29) hand chemicals distributed on the several pieces of apparatus.

Considerable amount of repairs have been made on hose and fuel wagons, and more is needed during the coming year. Rubber tires were put on the wheels of ladder truck No. 2 which has been a great saving to both apparatus and horses.

Ladder truck No. 1 and chemical engine No. 2 are to go into repair shop at an early date.

HOSE.

There are 15,150 feet of two and one-half inch cotton rubber lined hose in good condition. Two hundred and fifty feet of two inch cotton rubber lined hose, and 1,150 feet of one-inch rubber hose on chemical engines.

Twelve hundred and fifty of two and one-half inch hose, twenty feet of four and one-half inch suction hose, seven feet of three inch suction hose was purchased to take the place of the same amount condemned.

HORSES.

There are forty-three horses in the service. Ten young horses have been purchased, eight old horses were sold as unfit for fire service, one met with an accident which made it necessary to kill.

Other horses now in service will have to be replaced by new ones during the coming year.

HOUSES.

Quite extensive repairs have been made on some of the houses by new floors, painting inside and outside, and it will be necessary to continue in that line until all are renovated and made more desirable to live in. Alterations were made in the new Wyeth Square house, conducive to the comfort of the men and saving fuel.

APPROPRIATIONS AND EXPENDITURES.

The appropriation for the fiscal year ending November 30, 1906, was $115,500.00

Salaries		$95,500 00
Amount expended		95,457 05
Balance unexpended		$42 95
Appropriation for general expenses	$18,000 00	
Amount transferred to repairs to buildings	600 00	
		$17,400 00

ITEMS OF EXPENDITURES.

Apparatus, repairs on	$1,552 86	
Bedding	225 80	
Brooms, mops, etc.	202 11	
Badges, insignia, hats, etc.	135 55	
Cleaning material	179 10	
Chemical supplies	129 56	
Furniture	257 44	
Fuel for engines and houses	2,916 58	
Gas and electric light	893 16	
Hardware, etc.	192 02	
Harness, repairs on	381 73	
Horse hire	232 00	
Horses purchased	1,945 01	
Horse shoeing	1,071 58	
Hose, and repairs on	1,360 35	
Hay, grain and straw	4,990 93	
Laundry for department	227 41	
Oil and matches	101 57	
Printing and stationery	43 86	
Soap and disinfectant	190 08	
Miscellaneous	170 79	
		$17,399 49
Balance unexpended		51
Appropriations for repairs to buildings	$2,000 00	
Additional by transfer from general expenses	600 00	
		2,600 00
Amount expended		2,599 58
Balance unexpended		42

FIRES AND ALARMS.

The whole number of alarms during the year was 369; bell alarms 283; still alarms 86.

The following table shows the values, losses, etc., for the past year.

	Values.	Losses.	Insurance.	Insurance Paid.
On buildings	$593,600 00	$36,689 76	$424,650 00	$34,124 76
On contents	170,637 00	24,538 32	133,691 00	21,407 82
Totals	$764,237 00	$61,228 08	$558,341 00	$55,532 58

MEMBERS DISCHARGED.

William Haley retired January 1, 1906, by reason of disability, and placed on pension roll, after a service of twenty-seven years.

George B. Morse, call man, discharged May 18, 1906, at his own request.

Albert F. Sawyer, call man, discharged May 21, 1906, at his own request.

William T. King, call man, discharged June 21, 1906, at his own request.

Frederick Quenandon, call man, discharged June 30, 1906, at his own request.

John L. Jones, Jr., call captain, retired by reason of disability and placed on pension roll Nov. 14, 1906, after a service of thirty-four years.

APPOINTMENTS.

William L. McCusker, James A. S. Drinkwater, Francis V. Doyle, Edward F. Kelly, David J. O'Connell, Redmond M. Burke, Garfield F. Eagleston, appointed permanent men, assigned to duty, June 17, 1906.

George A. Regan, Ralph W. E. Hanna, appointed call men, assigned to duty June 17, 1906.

PROMOTIONS.

John J. Balfe promoted to Call Lieutenant December 1, 1905.

George F. Durgin promoted to Call Lieutenant July 11, 1906.

ACCIDENTS.

When responding to alarm from Box 28, December 1, 1905, horse No. 23, on Engine No. 7, fell and broke his leg.

Richard J. Doyle of Combination No. 1, returning from blacksmith shop, December 11, 1905, was thrown from horse and received broken rib.

Henry Orcutt at fire in house No. 26 Mt. Auburn street was found dead from suffocation, December 3, 1905.

Mrs. John D. Billings was seriously burned at her home by her clothing igniting from an overturned lamp, May 9, 1906, and afterwards died.

John W. Jefferson, of Ladder Co., No 1, responding to alarm from Box 149, June 8, 1906, was thrown from truck, breaking his collar bone.

E. J. Ouimette, of Ladder Co. No. 3, responding to alarm from Box 16, June 13, 1906, getting on Chemical Engine No 1, was thrown injuring his head, hand and back.

Capt. J. T. McNamee and Edward Gaughan, of Ladder Co. No. 2, responding to alarm from Box 35, September 8, 1906, when turning the corner of Portland and Plymouth streets the truck went on to sidewalk coming in contact with awning on building. Captain McNamee received fractured rib, and Mr. Gaughan injured foot and ankle.

Horace P. Walker working at hay car fire Oct. 29, 1906 received injury to knee from falling bale of hay.

DEATH.

George L. Vocell, call man of Engine Co. No. 4, died from surgical operation, April 9, 1906.

RECOMMENDATIONS.

I would repeat my recommendation of last year that more alarm boxes be placed in various locations.

I desire to call attention to the unfitness of some of the department houses to be used for the purpose intended. I refer particularly to the stations of Engine No. 1 and No. 5, and Ladder No. 1. Nearly all the room in the above named stations is taken, and should more men be appointed they would be crowded. There are several other reasons for wishing a change of quarters which can be learned by visiting and seeing. Ladder No. 1 should be located nearer the "Port," since Ladder No. 4 can cover the north end. Engine House No. 5 should be enlarged so as to accomodate the Fire Alarm System, also to have what has never been, Fire Department Headquarters outside of the Chief Engineer's bed room.

The old hose reel running with Engine No. 5 should be abandoned and a hose wagon take its place. I recommend the purchase of a combination hose and chemical wagon to take the place of one of the ordinary wagons now in use.

I would recommend that a store-house be built in the rear of ladder house No. 2, Portland Street, in which to store spare apparatus, department supplies, etc., and in which can be had a shop equipped with tools to do ordinary repairs.

I desire at this time to note the unjust criticisms of the General Inspector of the National Board of Fire Underwriters, who inspected this department last August. In his report he says: "The call men are unreliable, and their presence is prejudicial to good discipline."

I don't know from whom he got his information or on what he based his opinion. He came to this city a stranger and while here had no opportunity to see the working of the department, so I can conclude that it is through ignorance of the value of our call force that he made the above statement. It is not reasonable to suppose that a stranger can go into a city and form a better opinion of what the fire department needs than those who have served years in the department, and who ought to know what apparatus is needed and where it should be located. The Inspector is no doubt governed by certain rules, but rules applicable to one city will not apply to another, conditions being different.

I realize the fact that improvements can be made in the department, but notwithstanding the adverse criticism of the Inspector, I can truly say this department stands second to none in the State in regard to efficient work. The amount of valuation of property involved and the small amount of losses by fire will compare favorably with other departments.

CONCLUSION.

To His Honor, the Mayor, to the Committee on Fire Department, to the members of the City Council, to members of other departments who have been in touch with this Department, I desire to extend my thanks for courtesies shown me.

To the officers and members of the department I give high praise, and congratulate them on their successful efforts to maintain the high standard of efficiency.

Respectfully submitted,

NATHANIEL W. BUNKER,
Chief Engineer.

APPENDIX

ROSTER OF THE CAMBRIDGE FIRE DEPARTMENT.

NOVEMBER 30, 1906.

ENGINEERS.

Name.	Rank.	Age.	Residence.
Nathaniel W. Bunker	Chief Engineer	62	276 Portland street.
James M. Casey	Asst. Chief Engineer	42	353 Huron avenue.

CHIEF'S DRIVER.

No. of Badge.	Name.	Rank.	Age.	Residence.
1	William J. Atkinson	Private	30	100 Berkshire street.

ENGINE COMPANY No. 1.

House, 108 Mt. Auburn Street.

First size Amoskeag engine drawn by three horses, capacity 900 gallons a minute, has been in service since 1883. New boiler 1901. One horse hose wagon equipped with 800 feet of 2½-inch hose and two 3-gallon extinguishers; has been in service since 1889.

No. of Badge.	Name.	Rank.	Age.	Residence.
	Permanent Force.			
2	Charles A. Blair	Engineman	45	Springfield street.
3	Hiram W. Hooker	Asst. Engineman	67	108 Mt. Auburn street.
4	Hiram W. Hooker, 2nd	Private	29	1411 Cambridge street.
5	Daniel E. Shea	"	49	16 Athens street.
6	Thomas F. Drummond	"	38	192 Green street.
	Call Force.			
7				
8	Thomas H. Kneeland	Lieutenant	42	108 Mt. Auburn street.
10	James W. Irwin	Private	51	Oxford street.
117	Maurice A. Skold	"	24	261 Washington street.
72	Charles P. Cox, Jr.	"	34	35 Pleasant street.
84				
13	J. Joseph Corcoran	Private	46	31 Ash street.

ENGINE COMPANY No. 2.

384 Massachusetts Avenue.

Second size Amoskeag engine, drawn by two horses, capacity 700 gallons a minute, has been in service since 1873. New boiler 1896. One-horse hose wagon, equipped with 800 feet of 2½-inch hose and two 3-gallon extinguishers; has been in service since August, 1892.

No. of Badge.	Name.	Rank.	Age.	Residence.
	Permanent Force.			
14	Daniel E. Powers	Engineman	47	19 Park street.
15	John H. McDermott	Asst. Engineman	54	11 Dodge street.
16	John D Shea	Private	36	184 Green street.
17	James H. Furfey	"	49	59 Prince street.
18	William Reily	"	35	34 Gore street.
24	James A. S. Drinkwater	"	33	721 Main street.
	Call Force.			
19	Charles Emerson	Captain	61	5 Kinnaird street.
20	John J. Balfe	Lieutenant	35	1129 Cambridge street.
21	John Haley	Private	52	358 Massachusetts ave.
22	Charles Cutting	"	54	812 Main street.
23	Thomas J. Conroy	"	31	1466 Cambridge street.
25	William J. Sullivan	"	27	93 Norfolk street.

ENGINE COMPANY No. 3.

35 Third Street.

First size Amoskeag engine, drawn by two horses, capacity 900 gallons a minute, has been in service since 1871. New boiler, 1905. One-horse hose wagon, equipped with 800 feet of 2½-inch hose, and one 3-gallon extinguisher, put in service 1886.

No. of Badge.	Name.	Rank.	Age.	Residence.
	Permanent Force.			
26	Thomas F. O'Connell	Engineman	45	28 York street.
27	Frank McGrath	Asst. Engineman	42	39 Hunting street.
28	Albert R. Waite	Private	34	111 Inman street.
29	Patrick J. Hayes	"	44	92 Gore street.
30	William F. Newman, 2nd.	"	36	11 Hunting street.
120	Daniel J. Holleran	"	32	252 Elm street.
	Call Force.			
31	Walter Baker	Captain	53	40 York street.
32	John F. Brassel	Lieutenant	52	3 Marney street.
33	Timothy J. Mahoney	Private	59	346 Vine street.
34	Charles H. Leddy	"	46	32 York street.
36	Leo J. Shields	"	27	341 Cambridge street.
37	Joseph King	"	29	49 Third street.

ENGINE COMPANY NO. 4.

2029 Massachusetts Avenue.

Third size Amoskeag engine, drawn by two horses, capacity 550 gallons a minute, has been in service since 1895. New boiler, 1904. One-horse hose wagon equipped with 900 feet of 2½-inch hose and two 3-gallon extinguishers; has been in service since 1901.

No. of Badge.	Name.	Rank.	Age.	Residence.
	Permanent Force.			
38	John E. Ricker............	Engineman	62	2029 Massachusetts ave.
39	Jeremiah O'Connor.	Asst. Engineman........	48	2 Olive place.
40	John Gibson, Jr...........	Private......	31	114 Foster street.
41	George E. Muzzey........	"	65	5 Blake street.
42	John T. Henderson.......	"	37	11 Yerxa road.
	Call Force.			
43	Daniel A. McCaughin.....	Captain..............	49	Rear 5 Russell street.
45	George F. Durgin.........	Lieutenant..............	38	42 Locke street.
46	Joseph T. Vocell.........	Private.........	41	12 Bolton street.
47	William T. Henderson....	"	41	74 Rice street.
48	George A. Regan	"	23	43 Creighton street.
136	Ralph W. E. Hanna.......	"	27	154 Elm street.
49	Daniel F. McConologue...	"	34	28 Harvey street.

ENGINE COMPANY No. 5.

Inman Square.

Second size Amoskeag engine, drawn by two horses, capacity 700 gallons a minute, has been in service since 1870. New boiler 1899. One horse hose reel equipped with 800 feet of 2½-inch hose and one 3-gallon extinguisher; put in service 1884.

No. of Badge.	Name.	Rank.	Age.	Residence.
	Permanent Force.			
50	Charles E. Conner........	Engineman..............	55	1335 Cambridge street.
51	Peter F. McSorley........	Asst. Engineman........	47	94 Otis street.
52	Timothy F. McCarthy....	Private..................	33	8 Clary street.
53	George L. Church.... ...	"	27	14 Summer street.
44	Redmond M. Burke......	"	22	Hadley street.
54	John J. O'Callahan.......	"	36	Tremont street.
	Call Force.			
55	Francis P. Scanlan.......	Captain..................	60	1343 Cambridge street.
59	George W. Stevens.......	Private..................	40	1307 Cambridge street.
57	George W. McIntire......	"	52	9 Springfield street.
58	James H. McGrath.......	"	50	12 Seckle street.
60	John T. Downey.........	"	27	994 Cambridge street.
61	William G. Johnson......	"	45	14 Springfield street.

ENGINE COMPANY No. 6.

176 River Street.

First size Amoskeag engine, drawn by three horses, capacity 900 gallons a minute, has been in service since 1891. New boiler 1900. One-horse hose wagon equipped with 800 feet of 2½-inch hose, and two 3-gallon extinguishers; put in service 1891.

No. of Badge.	Name.	Rank.	Age.	Residence.
	Permanent Force.			
62	J. Lewis Howe	Engineman	53	184 River street.
63	Thomas H. McCourt	Asst. Engineman	36	62 Columbia street.
64	Robert J. Buchanan	Private	35	20 Grigg street.
65	Warren A. Dale	"	34	232 Putnam avenue.
66	Herman E. Gutheim	"	29	460 Huron avenue.
12	William L. McCusker	"	31	109 Antrim street.
	Call Force.			
67	John H. Brown	Captain	54	206 River street.
68	Charles H. Waite	Lieutenant	60	59 Brookline street.
69	John E. Savage	Private	51	54 Jay street.
70	Thomas F. Mullen	"	33	184 River street.
71	James P. Welch	"	43	70 Columbia street.
73	William J. Doyle	"	33	23 Oak Circle.

ENGINE COMPANY No. 7.

350 Main Street.

Second size Amoskeag engine, drawn by two horses, capacity 700 gallons a minute, has been in service since 1895. New boiler, 1902. One-horse hose wagon equipped with 800 feet of 2½-inch hose and two 3-gallon extinguishers, has been in service since 1895.

No. of Badge.	Name.	Rank.	Age.	Residence.
	Permanent Force.			
74	Charles A. Cairns	Engineman	40	152 River street.
75	John McCarthy	Asst. Engineman	52	282 Massachusetts avenue.
76	Henry J. O'Brien	Private	30	28 York street.
77	Dennis R. Sullivan	"	35	35 Harvard street.
78	Charles A. Olsen	"	37	17 Pleasant street.
90	David T. Burns	"	28	61 Tremont street.
	Call Force.			
79	George A. Garrity	Captain	45	46 Antrim street.
80	Joseph A. Wood	Lieutenant	44	102 Moore street.
81	James E. Bligh	Private	34	142 Willow street.
82	Edward Clark	"	40	80 Hampshire street.
83	Joseph S. Hayes	"	28	81 Webster avenue.
85	James E. Cunha	"	29	12 Union street.

RESERVE ENGINE.

Second size Amoskeag engine, capacity 650 gallons a minute, has been in service since 1869. New boiler, 1897.

LADDER COMPANY No. 1.

Eliot Square.

Ordinary ladder Truck, drawn by three horses, equipped with 486 feet of ladders, the longest ladder 65 feet extension, also equipped with two 3-gallon and one 5-gallon extinguisher, and jumping net; put in service 1892.

No of Badge.	Name.	Rank.	Age.	Residence.
	Permanent Force.			
86	Cutler L. Vose	Captain	38	377 Huron avenue.
87	Albert S. Benson	Lieutenant	63	52 Boylston street.
88	William J. Anderson	Private	34	79 Putnam avenue.
89	Benjamin McArthur	"	32	4 DeWolfe street.
124	Garfield F. Eagleston	"	28	4 Foster street.
	Call Force.			
91	Timothy J. Murphy	Private	29	25 Lambert street.
92	Joseph E. Burke	"	44	7 Mill street.
93	John W. Jefferson	"	42	98 Winthrop street.
94	William T. Anderson	"	27	205 Banks street.
95	Thomas J. McGowan	"	41	17 South street.
96	James F. Rooney	"	36	Ladder House.
97	John F. McPherson	"	33	67 Winthrop street.

LADDER COMPANY NO. 2.

276 Portland Street.

Combination ladder and chemical, drawn by three horses, equipped with 445 feet of ladders, longest ladder 65 feet extension, two 30-gallon and two 3-gallon chemical tanks, 200 feet of ¾-inch chemical hose, one deluge set complete, and jumping net; put in service 1902.

No. of Badge.	Name.	Rank.	Age.	Residence.
	Permanent Force.			
98	John F. McNamee	Captain	51	96 Winthrop street.
99	James F. McCabe	Lieutenant	44	440 Massachusetts avenue.
100	James J. Clifford	Private	34	71 Porter street.
101	Thomas Mimnaugh	"	52	35 Warren street.
102	Charles J. McElroy	"	27	74 Otis street.
	Call Force.			
104	Louis J. Stanger	Private	59	275 Vine street.
105	Jeremiah F. Hayes	"	40	17½ Marney street.
106	Thomas J. Lane	"	42	134 Otis street.
107	Michael Mullen	"	31	163 Portland street.
108	Thomas J. Parks	"	30	148 Berkshire street.
109	Edward E. Gaughan	"	29	78 Berkshire street.
35	Horace P. Walker	"	29	339 Cambridge street.

LADDER COMPANY No. 3.

394 Massachusetts Avenue.

Hayes 75-foot aerial drawn by three horses, carries 172 feet of single ladder, jumping net, also two 3-gallon extinguishers; put in service 1894.

No. of Badge.	Name.	Rank.	Age.	Residence.
	Permanent Force.			
110	William F. Newman	Captain	60	66 Winter street.
111	William H. Cairns	Lieutenant	42	18 Vernon street.
112	Exurie J. Ouimette	Private	43	394 Massachusetts avenue.
113	William C. Richardson	"	38	147 Columbia street.
	Call Force.			
114	Charles Sharon	Private	58	37 Pine street.
115	Lincoln E. Wheeler	"	64	16 Columbia street.
103	Albert Smith	"	52	233 Broadway.
116				

LADDER COMPANY No. 4.

Garden Street.

Ordinary ladder truck drawn by two horses, equipped with 340 feet of ladder, longest ladder 60 feet extension, two 3-gallon extinguishers; put in service 1905.

No. of Badge.	Name.	Rank.	Age.	Residence.
	Permanent Force.			
118	Angus H. McDonald	Captain	36	440 Huron avenue.
119	Walter E. Chapman	Private	38	125 Mt. Auburn street.
121	Edward Grant	"	28	11 Gerry street.
9	Edward F. Kelley	"	23	427 Rindge avenue.
	Call Force.			
122	Thomas J. King	Private	29	264 Walden street.
125	Edward P. Donahue	"	49	3 Willard court.
56				

One ordinary spare truck not equipped.

CHEMICAL ENGINE COMPANY No. 1.

5 Western Avenue.

Perkins chemical engine, drawn by two horses, equipped with two 90-gallon tanks and two 3-gallon extinguishers, 200 feet of 2-inch linen hose 450 feet of ¾-inch rubber hose; has been in service since 1880.

No of Badge.	Name.	Rank.	Age.	Residence.
	Permanent Force.			
126	Lewis C. Clark	Lieutenant	61	264 Green street.
127	Mortimer F. Hartney	Private	34	3 Jay street.
128	John Dardis	"	36	27 Park street.
11	Daniel J. O'Connell	"	23	497 Windsor street.

CHEMICAL ENGINE COMPANY No. 2.

167 Lexington Avenue.

Champion chemical engine, drawn by two horses, equipped with two 60-gallon tanks and two 3-gallon extinguishers, 300 feet of ¾-inch rubber hose; has been in service since 1894.

No. of Badge.	Name.	Rank.	Age.	Residence.
	Permanent Force.			
129	William H. Barrow.....	Lieutenant...............	37	106 Fayerweather street.
130	Timothy Curran..........	Private....................	37	102 Fayerweather street.
131	Richard J. Doyle.........	"	30	104 Fayerweather street.
132	Matthew F. Gleason.....	"	35	104 Concord avenue.

COMBINATION COMPANY No. 1.

Combination hose and chemical wagon, drawn by two horses, equipped with two 30-gallon tanks, two 3-gallon extinguishers, 800 feet of 2½-inch hose; put in service 1905.

No. of Badge.	Name.	Rank.	Age.	Residence.
	Permanent Force.			
133	Edward F. Conroy.......	Lieutenant...............	34	10 Mt. Auburn street.
134	Charles R. Hooker.......	Private....................	62	1411 Cambridge street.
123	Francis V. Doyle.........	"	29	104 Fayerweather street.
135	Bernard J. Coakley......	"	31	43 Hubbard avenue.

FIRES AND ALARMS.

From December 1, 1905, to December 1, 1906.

DECEMBER.

Friday, Dec. 1, 5.58 p.m. Box 28.

No. 41 Hampshire Street. Owned by John Young. Loss, $50. No Insurance. Occupied by John Young as barn. No loss. Cause, supposed incendiary.

Saturday, Dec. 2, 6.20 a.m. Still.

No. 38 Green Street. Owned by Paul Barnard, agent. No loss. Occupied by Charles Henderson as dwelling. No. loss. Cause, soot from chimney.

Sunday, Dec. 3, 4.21 a.m. Box 71.

No. 2519 Massachusetts Avenue. Owned by William H. Dunbar, trustee. Unoccupied stable. Loss, $500. Insurance, $2,200. Cause, incendiary.

Monday, Dec. 4, 2.24 p.m. Box 32.

No. 67 Columbia Street. Owned by M. F. McDonald. Occupied by Ellen Balfe as dwelling. No loss. Cause, overheated stove oven causing smoke.

Tuesday, Dec. 5, 11.59 a.m. Box 29.

No. 86 Plymouth Street. Owned by Thomas Mooney. Occupied by Thomas Mooney as dwelling. No loss. Cause, repairing leak in gas pipe.

Tuesday, Dec 5, 7.17 p m. Box 28.

No. 4 Lilac Court. Owned by Mary Coughlin. Loss, $190. Insurance, $500. Occupied by Abraham Wisner as dwelling. Loss, $150. Insurance, $500. Cause, oil lamp exploded.

Tuesday, Dec. 5, 4.30 p.m. Still.

No. 161 Channing Place. Owned by Francis Newell. Occupied by Francis Newell as dwelling. No loss. Cause, chimney fire.

Tuesday, Dec. 5, 8.00 p.m. Still.

No. 5 Parnell Street. Owned by Charles Linehan. Dwelling. No loss. Cause, chimney fire.

Wednesday, Dec. 6, 10.40 a.m. Box 165.

No. 27 Garfield Street. Owned by Sarah R. Clark. Loss, $1,175. Insurance, $3,500. Occupied by Loring Sears as dwelling. Loss, $1,018.50. Insurance, $1,500. Cause, mice and matches.

Saturday Dec. 9, 4.37 a.m. Box 68.

Upland Road near Massachusetts Avenue. Owned by William G. Macleod. Unoccupied barn. Loss, $200. No insurance. Cause, supposed tramps smoking.

Saturday, Dec. 9, 4.45 p.m. Still.

No. 16 Trail Street. Owned by Mary M. White. Dwelling. Chimney fire. No loss.

Sunday, Dec. 10, 6.30 p.m. Still.

No. 182 Raymond Street. Owned by A. H. Hews estate. Dwelling. Chimney fire. No loss.

Tuesday, Dec. 12, 5.37 p.m. Box 73.

Harvey Street. Owned by B. & M. R. R. Freight car. Loss, $200. Insurance, $200. Occupied by Thompson T. Sidney. Hay. Loss, $120. No insurance. Cause, incendiary.

Tuesday, Dec. 12, 5.41 P.M. Box 721.

Alarm not needed. Given for same fire as Box 73.

Tuesday, Dec. 12, 7.17 P.M. Box 36.

No. 19 Prospect Street. Owned by J. M. Robbins. No loss. Occupied by Joseph Hume as dwelling. No loss. Cause, lighted match fell into waste basket.

Tuesday, Dec. 12, 8.03 P.M. Box 52.

No. 382 Harvard Street. Owned by Richard Hapgood. No loss. Occupied by H. D. Brock as dwelling. No loss. Lighted match on carpet.

Tuesday, Dec. 12, 10.59 P.M. Box 38.

No. 95 Magazine Street. Owned and occupied by C. W. H. Moulton as dwelling. No loss. Cause, light in cellar mistaken for fire.

Wednesday, Dec. 13, 12.06 P.M. Box 424.

Waverley Street. Owned and occupied by John Reardon as soap factory. Cause, steam mistaken for fire.

Thursday, Dec. 14, 4.10 P.M. Still.

No. 163 Portland Street. Owned and occupied by James Hayward as dweling. Cause, chimney fire. No loss.

Thursday, Dec. 14, 5.07 P.M. Box 17.

Hastings corner Munson Street. Owned by Louisa Brush. Unoccupied dwelling. No loss. Cause, rubbish under house set afire by boys.

Friday, Dec. 15, 9.23 A.M. Box 23.

No. 119 Pearl Street. Owned by Charles W. Sullivan. Loss, $100. Insurance, $100. Occupied by Charles W. Sullivan as coal office. Loss $75. No insurance. Cause, overheated stove.

Saturday Dec. 16, 12.27 P.M. Box 29.

No. 157 Portland Street. Occupied by William O'Brien as dwelling. Loss trifling. Cause, child playing with matches.

Monday Dec. 18, 7.18 P.M. Box 12.

No. 6 Stevens Court. Owned by J. Rosenberg. No loss. Occupied by Max Cavanaugh as dwelling. No loss. Cause, gas pipe broken and gas escaped.

Tuesday, Dec. 19, 6.15 P.M. Box 73. False alarm.

Wednesday, Dec. 20, 3.44 P.M. Box 73.

Near Rindge Avenue. Owned by B. & M. R. R. Freight car. No loss.

Friday, Dec. 22, 5.19 P.M. Box 136.

No. 540 Massachusetts Avenue. Owned by J. A. Holmes. No loss. Cause, smoke mistaken for fire.

Saturday, Dec. 23, 12.55 P.M. Still.

Called by telephone to J. P. Squire's. Fire in oil room. No damage.

Saturday, Dec. 23, 6.33 P.M. Box 8.

No. 70 Second Street. Owned by E A. Martin. Loss, $44. Insurance, $5,000. Occupied by John Marshall as dwelling. Loss, $10. No insurance. Cause, waste paper behind the stove.

Wednesday, Dec. 27, 1.56 P.M. Box 29.

No. 111 Webster Avenue. Owned by S. Vineberg. No loss. Occupied by Lizzie Levi as dwelling. Loss trifling. Cause, clothes in closet in contact with lamp by accident.

Thursday, Dec. 28, 6.51 P.M. Box 137.

No. 6 Gilman Street. Owned by Israel Nesson. Loss, $100. Occupied by Joseph Sater as dwelling. Loss, $22.60. Insurance, $200. Cause, oil lamp exploded.

Saturday, Dec. 30, 3.57 A.M. Box 15.

No. 191 Vine Street. Owned by Maria Silva. Loss, $265.28. Insurance, $3,500. Occupied by Manuel Virnia as grocery store. Loss, $75. Insurance, $1,200. Cause, unknown.

JANUARY.

Tuesday, Jan. 2, 5.07 A M. Box 25.

No. 497 Massachusetts Avenue. Owned by Harvard College. No loss. Occupied by George Davis as grocery store. No loss. Cause, careless dropping match in box of sawdust.

Tuesday, Jan. 2, 9.32 A.M. Box 75.

No. 157 Raymond Street. Owned by Daniel G. Butler. Loss, 60. Insurance, $2,300. Occupied by Daniel G. Butler as dwelling. Loss, $25. Insurance, $700. Cause, children with matches.

Tuesday, Jan. 2, 2.21 P.M. Box 14.

No. 554 Cambridge Street. Owned by Richard McKellegett. No loss. Occupied by Mary Dixon as dwelling. No loss. Cause, children playing with matches.

Wednesday, Jan. 3, 5.07 A.M Box 52.

No. 26 Mt. Auburn Street. Owned by Julia Shugrue. Loss, $1,620. Insurance, $6,600. Occupied by Julia Shugrue as dwelling. Loss, $416.25. Insurance, $1,000. Cause, accidental dropping lamp.

Wednesday, Jan. 3, 10.50 A.M. Still.

No. 1 Burns Court. Owned by Nathaniel Monroe. No loss. Occupied by D. J. Riley as dwelling, No loss. Chimney fire.

Saturday, Jan. 6, 8.11 P.M. Box 17.

No. 117 Washington Street. Owned by Horace Gray, agent. Loss, $35. Insurance, $2,000. Occupied by Axel Johnson as dwelling. Loss, $20. Insurance, $600. Cause, lamp overturned.

Sunday, Jan. 7, 2.11 P.M. Box 137.

No. 24 Howard Street Owned by Martha J. Jackson. Loss, $55. Insurance, $1,000. Occupied by William Davis as dwelling. No loss. Cause, oil stove took fire.

Monday, Jan. 8, 11.50 A.M. Still.

No. 26 Reed Street. Owned by Frank McDermott. Loss, $50. Insurance, $2,000. Occupied by John Herbert as dwelling. Loss, $39. Insurance, $650. Cause, thawing water pipe.

Monday, Jan 8, 5.07 P.M. Box 73.

Near Rindge Avenue. Owned by N. E. Brick Co. Ice house. Loss, $300. No insurance. Cause, set afire by boys.

Monday, Jan. 8, 5.30 P.M. Still.

No. 229 Harvard Street Owned by H. O. Damm. No loss. Occupied by Nicholas Perry as dwelling. No loss Cause, chimney fire.

Monday, Jan. 8, 8.42 P.M. Box 32.

No. 313 Elm Street. Owned by John L. Tighe Loss, $49. Insurance, $2,200. Occupied by Luke Simons as dwelling. Loss trifling. Cause, overturned lamp.

Monday, Jan. 8, 10.30 P.M. Still.

No. 5 Linehan Court. Owned by Charles Linehan Estate. No loss. Occupied by Mary Rogers as dwelling. No loss. Cause, overturned lamp.

Wednesday, Jan. 10, 1.23 A.M. Box 16.

No. 4. Harvard Place. Owned by Peter F. O'Rourke. No loss. Occupied by B. F. Paddock as dwelling. No loss. Cause overturned lamp.

Wednesday, Jan. 10, 7.23 A.M Still.

No. 59 Brattle Street. Owned by John T. Nichols. Loss, $35. Insurance, $2,500. Occupied by David C. Dow as dwelling. No loss. Cause, overheated stove pipe.

Wednesday, Jan. 10, 8.00 P.M. Automatic.

Accidental automatic alarm from National Biscuit Co.

Friday, Jan. 12, 2.44 A.M. Box 25.

No. 39 Austin Street. Owned by James H. Duckery. Loss, $750. Insurance, $5,000. Occupied by James H. Duckery as dwelling. Loss, $302. Insurance, $1,000. Cause, rats and matches.

Friday, Jan. 12, 3.48 P.M. Box 8.

No 16 Spring Street. Owned by Joaquin Sousa. No. loss. Occupied by Mary Gloria as dwelling. No loss. Cause, wood in stove oven ignited.

Friday, Jan. 12, 6.51 P.M. Box 178.

No. 57 Sherman Street. Owned by N. E. Brick Co. No loss. Unoccupied dwelling set afire by boys.

Friday, Jan. 12, 7.10 P.M. Still.

No. 880 Main Street. Owned by Asa Lamson. Loss, $65. Insurance $750. Occupied by Paul Wooten as manufacturer of perfumes. Loss, $50. No insurance. Cause, unknown.

Saturday, Jan. 13, 11.30 P.M. Box 52.

Banks Street. Owned by Dr. Blodgett. No loss. Unoccupied barn. Cause, incendiary.

Sunday, Jan. 14, 2.20 P.M. Still.

No 132 Antrim Street. Owned by Francis M. Doyle. Loss, $35. Insurance, $3,700. Occupied by Leonard Doyle as dwelling. Loss, $73.50. Insurance, $500. Cause, children with matches.

Sunday, Jan. 14, 5.00 P.M. Still.

No. 586 Massachusetts Avenue. Owned and occupied by Harris Ginsburg. No loss. Cause, chimney fire.

Monday, Jan. 15, 1.15 P.M. Box 59.

No. 1310 Massachusetts Avenue Owned by Harvard University Association. No loss. Occupied by Oak Grove Farm Co. as store. No loss. Cause, grease taking fire in elevator.

Monday, Jan. 15, 9.26 P.M. Box 123.

No. 227 Bridge Street. Owned by John P. Squire Estate. No loss. Occupied by John M. Wood as lumber dry house. No loss. Cause, spontaneous.

Tuesday, Jan 16, 6.51 A.M. Box 78.

No. 80 Concord Avenue. Owned by Margaret E. O'Brien. Loss, $500. Insurance $1,000. Occupied by Catherine McCormick as store. Loss, $700. Insurance $1,000. Cause, lamp exploded.

Tuesday, Jan. 16, 2.44 P.M. Box 29.

No. 67 Webster Avenue. Occupied by Stephen Gullard. No loss. Cause, pan of fat on stove.

Tuesday, Jan. 16, 7.12 P.M. Box 75.

No. 55 Sherman Street. Owned by N. E. Brick Co. Loss, $419. Insurance, $1,000. Occupied by Richardson & Pearce as storehouse. Loss, $50. No insurance. Cause, set afire by boys.

Wednesday, Jan. 17, 3.53 P.M. Box 145.

No. 591 Green Street. Owned by Sidney A. Buttrick. No loss. Uuoccupied dwelling. Cause, boys set fire to excelsior.

Wednesday, Jan. 17, 6.37 P.M. Box 234.

No. 178 Hampshire Street. Owned by Mary Fieckers. Loss, $136. Insurance, $2,000. Occupied by Mary Fieckers as dwelling. Loss, $125. No insurance. Cause, unknown. Fire in store room.

Thursday, Jan. 18, 2.00 P.M. Still.

No. 27 Hastings Street. Owned by John Shaw. No loss. Shed set afire by boys.

Thursday, Jan. 18, 3.37 P.M. Box 134. False alarm.

Thursday, Jan. 18, 5.06 P.M. Box 52.

No. 8 Arrow Street. Owned by Boston Book Binding Co. No loss. Occupied by Small, Maynard & Co., as book binding. Loss, $516. Insurance, $516. Cause, lamp ignited curtain on book-case in basement.

Thursday, Jan. 18, 6.35 P.M, Box 17.

Corner Munson and Hastings Streets. Owned by Louisa Brush. No loss. Unoccupied dwelling set afire by boys.

Friday, Jan. 19, 11.45 A.M. Still.

Railroad near Cambridge Street. Fire in refuse from hog cars.

Friday, Jan. 1, 1.23 P.M. Box 72.

No. 75 Reid Street. Owned by Michael Melvin. No loss. Unoccupied dwelling set afire by boys.

Friday, Jan. 19, 5.42 P.M. Box 38. False alarm.

Saturday, Jan. 20, 6.58 A.M. Box 8.

No. 6 Thorndike Street. Owned and occupied by C F, Switzler as belt dressing manufactory. No loss. Cause, belt dressing in boiler took fire.

Sunday, Jan. 21, 5.10 P M. Box 73.

Rindge Avenue Owned by N. E. Brick Co. Loss, $150. Insurance, $500. Unoccupied dwelling set afire by some person unknown.

Sunday, Jan. 21, 6.34 P.M. Box 17.

Near Main Street. Car load of hay. Owned by E. R. Luke & Co. Loss, $100. No insurance. Cause, set afire by boys.

Sunday, Jan. 21, 7.13 P.M. Box 15.

No. 103 Fourth Street. Owned by Ellen Gavin. No loss. Occupied by Daniel Saunders as dwelling. No loss. Cause, lamp fell from bracket.

Monday, Jan. 22, 8.20 P.M. Box 21.

Near Waverly Street. Owned by Lally, Coleman Co. No loss. Cause, boys set fire to pile of boards.

Monday, Jan. 22, 10.15 P.M. Still.

Accidental automatic alarm from Irving & Carlson factory.

Tuesday, Jan. 23, 4.52 P.M. Box 28.

No. 119 Portland Street. Owned by Edward J. Sennott. No loss. Occupied by John Rowin as dwelling. No loss. Cause, child set fire to curtain.

Tuesday, Jan. 23, 5.48 P.M. Box 17.

No. 53 Portland Street. Occupied by Albert Brown as dwelling. No loss. Cause, lamp exploded.

Wednesday, Jan. 24, 3.46 P.M. Box 14.

No. 9 Seventh Street. Owned by M. Kelly. No loss. Occupied by John Fitzgerald as dwelling. No loss. Cause, chimney fire.

Friday, Jan. 26, 6.10 P.M. Box 178.

No. 283 Walden Street. Owned by N. E. Brick Co. No loss. Unoccupied office set afire by boys.

Saturday, Jan. 27, 4.05 P.M. Still.

Near Massachusetts Avenue. Owned by Charles River Park Association. Cause, training quarters set afire by boys. No loss.

Saturday, Jan. 27, 5.15 P.M. Still.

New Street. Owned by City of Cambridge. Unoccupied pest house set afire by boys.

Saturday, Jan. 27, 6.12 P.M. Box 72.

Rear No. 42 Reed Street. Owned by Hannah Nelligan. No loss. Unoccupied stable. Cause, unknown.

Monday, Jan. 29, 4.45 P.M. Still.

Near Magazine Street. Owned by Bradford Boat Club. No loss. Blocking under boat house set afire.

FEBRUARY.

Friday, Feb. 2, 8.14 P.M. Box 136.

No. 56 Norfolk Street. Owned by A. P. Morse. Loss, $9.95. Insurance, $5,000. Occupied by David Martin as dwelling. Loss, $40. No insurance. Cause, match stepped on in closet igniting clothes.

Friday, Feb. 2, 8.30 P.M. Still.

No. 19 Pleasant Street. Owned and occupied by Annie A. Jacobs as dwelling. No loss. Chimney fire.

Friday, Feb. 2, 9.00 P.M. Still.

Prison Point Street. Dry dirt on bridge ignited

Friday, Feb. 2, 10.58 P.M. Box 14.

No. 33 Eighth Street. Owned by Horace Coy. No loss. Unoccupied barn. Fire on roof. Cause, supposed sparks from neighboring chimney.

Saturday, Feb. 3, 9.00 A.M. Still.

No. 38 Berkshire Street. Occupied by Bartlett Wescott. No loss. Chimney fire.

Saturday, Feb. 3, 3.28 P.M. Box 71.

No. 2171 Massachusetts Avenue. Owned and occupied by W. J. Newman. No loss. Smoke from furnace mistaken for fire.

Sunday, Feb. 4, 2.47 P.M. Still.

No. 34 Kirkland Street. Grass fire.

Sunday, Feb. 4, 4.37 P.M. Still.

No 25 Kirkland Street. Owned and occupied by H. O. Houghton. Smoke from furnace mistaken for fire.

Sunday, Feb. 4, 5.12 P.M. Box 23.

Near Massachusetts Avenue, Owned by Charles River Park Association. No loss. Grand stand set afire by boys.

Sunday, Feb. 4, 8.14 P.M. Box 16. False alarm.

Tuesday, Feb. 6, 4.45 P.M. Still.

Columbia Street Owned by City of Cambridge. Woodwork near overheated chimney in Wellington Schoolhouse. Damage trifling.

Tuesday, Feb. 6, 11.29 P.M. Box 721.

No. 6½ Harvey Street. Owned by Hector G. McLean. Loss, $295. Insurance, $2,000. Occupied by Manuel Jefferson as dwelling Loss, $35. Insurance, $500. Cause, defective chimney.

Thursday, Feb. 8, 1.07 P.M. Box 71.

No. 16 Brookford Street. Owned by Frank Henderson. No loss. Unoccupied dwelling. Cause, incendiary fire in cellar.

Thursday, Feb. 8, 3.05 P.M. Still.

No 25 Winslow Street Owned by Wm. A. Munroe Estate. No loss. Occupied by Patrick J. Lynch as dwelling. No loss. Cause, thawing waterpipes.

Monday, Feb. 12, 12.47 A.M. Box 29.

No. 29 Webster Avenue. Owned by Wm. T. Shea. Loss, $115. Insurance, $900. Occupied by Thomas F. Quinn. No loss. Cause, thawing waterpipes.

Monday, Feb. 12, 5.23 P.M. Box 17.

Near Main Street. Owned by B. & A. R. R. Loss trifling. Occupied by E. R. Luke & Co., as carload of hay. Loss, $20. No insurance. Cause, set afire by boys.

Monday, Feb. 12, 6.46 P M. False alarm.

Thursday, Feb. 15, 11.31 A.M. Box 57.

No. 37. Mellen Street. Owned and occupied by Margaret Peters. No loss. Cause, overheated smoke pipe.

Sunday, Feb. 18, 8.05 P.M. Box 24.

No. 18 Lopez Street Owned by James Hagen. Loss, $32. Insurance, $900. Occupied by John Colpitts as dwelling. Loss, $55. Insurance, $500. Cause, lamp exploded.

Monday, Feb. 19, 7.49 A.M. Box 73.

No. 55 Clifton Street. Owned by Henry Wilson. Loss, $62. Insurance, $1,500. Occupied by Patrick Janditt. No loss. Cause, set afire on outside of house.

Tuesday, Feb. 20, 9.48 A.M. Box 26.

No. 27 Windsor Street. Owned by Charles P. Keith. Loss, $830. Insurance, $1,200. Occupied by George W. Clark as bakery. Loss, $330. Insurance, $500. Cause, kettle of fat took fire.

Wednesday, Feb. 21, 3.06 P M. Box 175.

No. 45 Hubbard Avenue. Owned by Arthur Hill. No loss. Occupied by Robert A. Prentiss as dwelling. No loss. Cause, box of matches ignited.

Thursday, Feb. 22, 9.45 A M. Still.

No. 8 Marcella Street. Owned by Louis Landler. Loss, $30. Insurance, $12,000. Occupied by Max Weiner et al. No loss. Cause, can of varnish near stove took fire.

Friday, Feb. 23, 11.23 A. M. Box 454.

Harvard College Yard. Owned by Corporation. No loss. Cause, pots of paint in basement, spontaneous.

Saturday, Feb. 24, 2.57 P.M. Box 271.

No. 2.404 Massachusetts Avenue. Owned and occupied by Matthew A. Allison as lunch car. Loss trifling. Cause, defect in smoke pipe through roof.

Monday, Feb. 26, 5.05 P.M. Still.

No. 5 Ninth Street. Owned by Julia Devine. Loss, $25. Insurance, $5,000. Occupied by Edward Green as dwelling. No loss. Cause, children playing with matches.

Tuesday, Feb. 27, 5.40 P.M. Box 38.

No. 96 Magazine Street. Owned and occupied by John Hood as dwelling. Loss, $19. Insurance, $4,500. Cause, lace curtain took fire from gas light.

Tuesday, Feb. 27, 5.48 P.M. Box 13.

No. 324 Cambridge Street. Owned by J. E. Hartwell. Loss, $35. Insurance, $5,500. Occupied by J. B Fitzpatrick as provision store. Loss, $75. Insurance, $200. Cause, paper decoration on ceiling took fire from gas light.

Wednesday, Feb. 28, 12 11 P.M. Box 69.

No. 10 Hollis Street Owned by Lydia E. Bowers. Loss, $40. Insurance, $2,500. Occupied by John M. Munroe. No loss. Cause, sparks on roof from chimney.

MARCH.

Thursday, March 1, 9.05 A.M. Box 26.

No. 27 Windsor Street Owned by C. P. Keith. No loss. Occupied as carpenter shop. Cause, spark from chimney on roof.

Friday, March 2, 9.33 A.M. Box 135.

No. 281 Harvard Street. Owned by Mary E. Bradun. Loss, $212. Insurance, $4,200. Occupied by M. E Bradun as dwelling. Loss, $79. Insurance, $1,500. Cause, overheated furnace in cellar.

Friday, March 2, 11.04 P.M. Box 13.

No. 79 Gore Street. Owned and occupied by P. A. Calman. No loss. Cause, dropping lighted candle in rubbish in cellar.

Monday, March 5, 11.45 P.M. Box 8.

No. 6 Thorndike Street. Owned and occupied by C. T. Switzler as belt dressing manufactory. No loss. Cause, belt dressing in boiler took fire.

Tuesday, March 6, 6.35 P.M. Still.

No. 109 Franklin Street. Owned by John Stubbs. No loss. Occupied by Samuel Dewey as dwelling. No loss. Cause, overturned lamp.

Thursday, March 8, 9.32 P.M. Still.

No. 24 Marion Street. Owned by Thomas Horrigan. No loss. Occupied by Arthur Mundy as dwelling. No loss. Cause, paper decorations took fire from lamp.

Saturday, March 10, 3.51 P.M. Box 431. Second alarm.

No. 204 Raymond Street. Owned by A. H Hews Corporation. Loss, $2,000. Insurance, $3,000. Occupied by A. H. Hews Corporation as pottery storehouse.

Loss, $3,000. Insurance, $3,000. Cause, supposed incendiary. No. 186. Owned by A. H Hews Corporation as dwelling. Loss, $50. Insurance, $3,500. Cause, exposure. No. 189. Owned by Ryan & Stevens. Loss, $365. Insurance, $3,000. Occupied by William D. Campbell as dwelling Loss, $25. No insurance. Cause, exposure.

Saturday, March 10, 10.08 P.M Box 113.

No. 50 Spring Street. Owned by Francis Axman. Loss, $250. Insurance, $2,000. Occupied by John Warren as dwelling. Loss, $25. No insurance. Cause, rats and matches in ceiling.

Monday, March 12, 7.19 P.M. Box 26.

No. 669 Main Street. Owned by Eugene D. Brooks. No loss. Occupied by Agnes Graham as dwelling. No loss. Cause, careless dropping match in rubbish in cellar.

Tuesday, March 13, 3.26 P.M. Box 48.

No. 299 Prospect Street. Owned by M. E. Kanaley. Loss, $982.53. Insurance, $2,000. Occupied by M. E. Kanaley as hardware factory. Loss, $1,076.98. Insurance, $4,000. Cause, turpentine and paint took fire from spark from forge.

Friday, March 16, 3.16 A.M. Box 58.

No. 65 Langdon Street. Owned by Edward R. Moore. Loss, $4,000. Insurance, $4,000. Occupied by William M. Snow as dwelling Loss, $1,500. Insurance, $1,500. Cause, supposed mice and matches in partition.

Friday, March 16, 1.47 P.M. Box 23.

No. 9 Cottage Street. Owned by Isaac McArthur. Loss, $83. Insurance, $2,000. Occupied by Isaac McArthur as dwelling. Loss, $80. Insurance, $1,000. Cause, child and matches under desk.

Friday, March 16, 10.45 P.M. Box 135.

No. 33½ Inman Street. Owned by Sarah Foss. No loss. Occupied by David C. Reid as dwelling. No loss. Cause, careless dropping of match in clothes closet.

Sunday, March 18, 1.56 P.M. Box 16.

No. 478 Main Street Owned and occupied by Stewart Bros. Co., as carriage factory. No loss. Cause, unknown. Originated in floor in office.

Wednesday, March 21, 9.45 P.M. Box 134. False alarm.

Friday, March 23, 7.49 P.M. Box 35.

No. 26 Worcester Street. Owned by T. H. Raymond. No loss. Occupied by George Lee as dwelling. No loss. Cause, clothes on line in kitchen ignited by lamp.

Saturday, March 24, 12.59 A.M. Box 131.

No. 665 Cambridge Street. Owned by J. P. Squire Estate. No loss. Occupied by Alex Samaritan as stable. No loss. Cause, careless smoking on lounge in office.

Sunday, March 25, 12.19 P.M Box 61.

Rear 11 Brattle Street. Owned by Francis L. Chapman. No loss. Cause, blacksmith shop set afire.

Sunday, March 25, 8.52 P.M. Box 26.

No. 8 Moore Street. Owned by Eugene D. Brooks. Loss, $15. Insurance, $5,000. Occupied by Stephen Morkit as dwelling. Loss, $50. Insurance, $500. Cause, bed took fire from stove.

Sunday, March 25, 11.51 P.M. Box 72.

No. 26 Reid Street. Owned by Frank McDermott. Loss, $845. Insurance, $1,950. Occupied by John Herbert as store. Loss, $775. Insurance, $1,600. Cause, mice and matches under counter.

Monday, March 26, 10.31 A.M. Box 54.

No. 10 Oxford Street. Owned by Harvard College Corporation. Loss, $396. Insurance, $11,500. Occupied by Henry S. Thompson as dwelling. Loss, $100. No insurance. Cause, careless throwing match in basket.

Thursday, March 29, 12.04 A.M. Box 71.

Foot of Whittemore Avenue. Owned by Penny Bros. No loss. Unoccupied hog house set afire by tramps.

Saturday, March 31, 1.15 A.M. Box 215.

No. 33 Eighth Street. Owned by Horace Coy. Loss, trifling. Unoccupied barn. Cause, incendiary.

Saturday, March 31, 5.23 A.M. Box 14.

No. 43 Seventh Street. Owned by Annie McCaffrey. No loss. Occupied by James Lyons as dwelling. No loss. Cause, fire in rubbish in cellar.

Saturday, March 31, 4.11 P.M. Box 14.

No. 26 Eighth Street. Owned by George W. Dearborn. No loss. Occupied by Anthony F. Duris. No loss. Cause, pan of fat in stove oven took fire.

APRIL.

Monday, April 2, 4.09 P.M. Box 48.

No. 190 Hampshire Street. Owned and occupied by William Doherty. Loss, $110. Insurance, $1,000. Cause, rats and matches in nest on sill of house.

Wednesday, April 4, 1.36 P.M. Box 25

No. 7 Douglass Street. Owned by T. H. Raymond, agent. No loss. Occupied by Michael Whooley as dwelling. Loss, $42. Insurance, $1,000. Cause, careless use of match ignited curtain.

Thursday, April 5, 5.42 P.M. Box 32.

No. 449 Columbia Street. Owned and occupied by J. J. Loan as leaded glass window worker. No loss. Cause, paint pot took fire from gasoline stove.

Thursday, April 5, 9.27 P.M. Box 34.

No. 133 Hampshire Street. Owned by William Doherty. No loss. Occupied by Bessie J. White as dwelling. Loss, trifling. Cause, overturned lamp.

Friday, April 6, 1.34 A.M. Box 271.

No. 2431 Massachusetts Avenue. Owned by Sarah A. Henderson. Loss, $100. Insurance, $4,800. Occupied by John A. Tupper as drug store. Loss, $2,775. Insurance, $4,000. Cause, unknown.

Friday, April 6, 6.47 P.M. Box 79.

No. 147 Brattle Street. Owned by William Brewster. No loss. Occupied by Charles Almey as dwelling. No loss. Cause, oil lamp taking fire.

Saturday, April 7, 11.13 A.M. Box 36.

No. 3 Central Square. Owned by J. A. Holmes Estate. No loss. Occupied by J. J. Vickery as bicycle shop. No loss. Cause, rubber cement and naphtha igniting.

Monday, April 9, 10.35 P.M. Box 31.

Rear No. 57 Porter Street. Owned by John Purcell. Loss, $400. Insurance, $500. Occupied by John Purcell as stable. Loss, $965.22. Insurance, $1,250. Cause, lantern left in stable supposed to have exploded No. 53 Porter Street. Owned by John Purcell as dwelling. Loss, $10. Insurance, $1,000. Cause, exposure.

Tuesday, April 10, 7.51 A.M. Box 424.

Waverly Street. Owned and occupied by John Reardon as soap factory. No loss. Cause, lime in shed slacked by rain water.

Tuesday, April 10, 9.38 P.M. Box 151.

No. 349 Harvard Street. Owned by Moses P. White. Loss, $83. Insurance, $2,000. Occupied by George M. Taylor as dwelling. Loss, $108. Insurance, $2,000. Cause, match dropped in basket.

Wednesday, April 11, 5.40 P.M. Box 427.

No. 208 Broadway. Owned and occupied by Doten Dunton, desk manufactory. No loss Cause, sawdust in chute took fire in boiler room.

Friday, April 13, 7.15 P.M. Still.

Rubbish fire on vacant land on Church Street. No damage.

Saturday, April 14, 6.59 A.M. Box 145.

No. 19 Bay Street. Owned by Michael Calhane. No loss. Occupied by Patrick Cunningham as dwelling. No loss. Cause, careless smoking in bed.

Monday, April 16, 9.21 A.M. Box 9.

No. 3 East Street. Owned and occupied by B. & M. R. R. as storage room. No loss. Cause, packing straw taking fire in some way unknown.

Monday, April 16, 10.42 P.M. Box 113.

No. 50 Second Street. Owned and occupied by Keeler & Co. as furniture factory. No loss Cause, oily waste on floor in boiler room.

Saturday, April 21, 11.30 A.M. Still.

Charles River Park fence on Albany Street. No loss. Cause, set afire by boys.

Sunday, April 22, 4.34 P M. Box 65.

No. 1648 Massachusetts Avenue. Owned by W. G. Macleod. Loss, $350. Insurance, $75,000. Unoccupied apartment. Cause, painter using naptha cleaning floors.

Sunday, April 22, 8.57 P.M. Box 32.

No. 10004 Cambridge Street. Owned by T. E. Scanlan. No loss. Occupied by Thomas Keegan as dwelling. No loss. Cause, lamp overturned.

Tuesday, April 24, 3.00 P.M. Still.

No. 1 Harvard Place. Owned by Peter F. O'Rourke. No loss. Cause, dwelling set afire on outside by boys.

Tuesday, April 24, 9 19 P.M. Box 59.

No. 97 Mt. Auburn Street. Owned by Reed Estate. No loss. Occupied by Phœnix Club. No loss. Cause, chimney fire.

Wednesday, April 25, 3.54 P.M. Box 721.

No. 30 Harvey Street. Owned by Harry N. Smith. Loss, $50. Insurance, $2,500. Unoccupied dwelling. Cause, supposed rats and matches in partition.

Wednesday, April 25, 9.00 P.M. Box 32.

Alarm given for fire in Somerville.

Sunday, April 29, 2.23 A.M. Box 31.

No. 8 Harding Street. Owned and occupied by Thomas Gannon as storage. Loss, $50. Insurance, $100. Cause, set afire on the outside by someone unknown.

MAY.

Tuesday, May 1, 7 51 P.M. Box 175.

No. 19 Crescent Avenue. Owned by James Gerlash. No loss. Unoccupied dwelling. Fire on roof. Cause, supposed sparks from locomotive.

Wednesday, May 2, 2.15 A.M. Still.

No. 21 Bigelow Street. Owned by William Wilcox. No loss. Occupied by T. Hibbard as dwelling. No loss. Cause, rags in basement.

Wednesday, May 2, 9.53 P.M. Box 14.

Rear 577 Cambridge Street. Owned by Bernard Rostein. Loss, $74. Insurance, $3,000. Occupied by Abraham Carb. No loss. Cause, unknown. Originated in stable.

Friday, May 4, 1.39 P.M. Box 157.

No. 12 Howland Street. Owned by Alfred R. Brown. Loss, $10. Insurance, $3,000. Occupied by Alfred R. Brown as dwelling. Loss, $5. Insurance, $1,000. Cause, careless throwing lighted match on lace curtain.

Saturday, May 5, 7.23 P.M. Box 26.

Main Street near Albany Street. Open field. Cause, bonfire. Alarm unnecessary.

Sunday, May 6, 12.43 A.M. Box 271.

Massachusetts Avenue near car house. Cause, electric car afire. Alarm unnecessary.

Sunday, May 6, 12.20 A.M. Still.

No. 86 Green Street. Owned by Inez M. Clark. Loss, $100. Insurance, $10,000. Occupied by James Johnson as grocery. Loss, $218. Insurance, $300. Cause, supposed mice and matches.

Sunday, May 6, 9.42 A.M. Box 14.

No. 575 Cambridge Street, Owned by Bernard Rostein. No. loss. Occupied by Abraham Carb as bakery. No loss. Cause, unknown Originated in rubbish in loft.

Sunday, May 6, 12.02 P.M. Still.

No. 16 Highland Street. Owned and occupied by Godfrey L. Cabot as dwelling. No loss. Cause, meat in stove oven causing smoke.

Sunday, May 6, 3.16 P.M. Box 16. False alarm.

Tuesday, May 8, 12.45 P.M. Box 116.

Potter Street. Owned and occupied by Warren Brothers as coal tar products. No loss. Cause, kettle of tar ignited.

Wenesday, May 9, 2.35 P.M. Box 131.

No. 8 Parnell Street. Owned by Charles Linehan Estate. Loss, $45. Insurance, $3,200. Occupied by Michael Barrett as dwelling. No loss. Cause, rats in nest on sill of house.

Wednesday, May 9, 8.40 P.M. Box 38.

No. 15 Perry Street. Owned and occupied by John D. Billings as dwelling. Loss, $15. Insurance, $2,000. Cause, lamp overturned.

Thursday, May 10, 9.00 P M. Box 116.

Potter Street. Owned and occupied by Warren Brothers as coal tar products. Cause, sparks from smoke stack. No loss.

Saturday, May 12, 1.32 P.M. Box 53.

No. 76 Plympton Street Owned by James J. Connell. No loss. Unoccupied apartment. Cause, rags in chimney pipe hole ignited.

Saturday, May 12, 4.29 P.M. Box 9.

No. 115 Bridge Street Owned by Train Estate. Loss, $30. Insurance, $2,500. Cause, sparks on roof left by painter.

Sunday, May 13, 1.38 A.M. Box 31.

No. 33 Harding Street. Owned and occupied by John Canney as dwelling. No loss. Cause, table cover ignited by match.

Sunday, May 13, 9.40 P.M. Box 53.

No. 83 Plympton Street. Owned by Harvard Riverside Association. Loss, $100. Insurance, $1,600. Occupied by James S. Dunn as dwelling. Loss, $50. No insurance. Cause, lamp overturned and broken. Alarm was given two minutes afterwards from Box 153, unneeded.

Monday, May 14, 3.20 P.M. Still.

No. 168 Magazine Street. Owned by Louisa Reed. Loss, $50. Insurance, $3,250 Occupied by O. S. Armstrong as dwelling. Loss, $10. Insurance, $1,000. Cause, lamp on table in attic set fire to roof boards.

Tuesday, May 15, 10.20 A.M. Box 137.

No 284 Western Avenue. Owned by Herbert L. Rose. Loss, $25. Insurance, $7,000. Occupied by Henry C. Bennett as dwelling. Loss, $240. Insurance, $1,000 Cause, children in bedroom playing with matches

Tuesday, May 15, 6.45 P.M. Still.

Bridge Street. Pile of wood on temporary bridge. No loss.

Friday, May 18, 9.43 A.M Box 14.

No. 57 Sixth Street. Owned by Sheriff Estate. No loss. Occupied by James S. Partridge as dwelling. Cause, smoke mistaken for fire.

Saturday, May 19, 1.30 P.M. Box 29.

No. 350 Windsor Street. Owned by Edward Sennott. No loss. Occupied by E. W. Edmundson as dwelling. No loss. Cause, children with matches in cellar.

Sunday, May 20, 1.59 A.M. Box 9. General alarm.

No. 135 Bridge Street. Owned by J. J. Guerin. Loss, $100. Insurance, $100. Occupied by Charles Fim as stable. Loss, $700. No insurance. Cause, unknown. No. 137 Bridge Street. Owned and occupied by David Coakley as dwelling. Loss, $24.50. Insurance, $400. Cause, exposure.

Sunday, May 20, 1.19 P.M. Box 145.

No. 2 Hancock Street. Owned by John Connell. No loss. Occupied by Thomas Sullivan as dwelling. No loss. Cause, lamp ignited curtain.

Monday, May 21, 2.30 P M. Still.

No. 6 Reidsell Avenue. Owned by William Brewster. Loss, $30. Insurance, $6,000. Cause, sparks from chimney on roof and awning.

Monday, May 21, 6.35 P.M. Still.

No. 5 Berkeley Street. Owned by John Allyn. No loss. Occupied by G. L. Goodale as dwelling. No loss. Cause, smoke from thimble hole in chimney.

Monday, May 31, 8 P.M. Still.

Raymond Street. City dump.

Tuesday, May 22, 2.44 P.M. Box 53.

No. 12 Bow Street. Owned and occupied by John Ferguson as dwelling. Loss, $25. Insurance, $1,500. Cause, sparks from chimney on roof.

Wednesday, May 23, 12.03 A.M. Box 113.

No. 20 Thorndike Street. Owned and occupied by H. M. Sawyer & Son as oiled clothing manufactory. Loss, trifling. Cause, spontaneous combustion in oiled cloth.

Thursday, May 24, 7.27 P.M. Box 12.

No. 5 Linehan Court. Owned by Charles Linehan Estate. No loss. Occupied by Benjamin Hazuszleoski as dwelling. No loss. Cause, overturned lamp.

Friday, May 25, 8 06 P.M. Box 13.

No 33 Fourth Street. Owned by John F. Murray. Loss, trifling. Occupied by Margaret Kimball as dwelling. No loss. Cause, careless dropping match in rubbish in cellar.

Friday, May 25, 8.34 P M. Box 81.

No. 15 Maynard Place. Owned by James J. Major. No loss. Occupied by Harriot Davis as dwelling. No loss. Cause, spark from match ignited curtain.

Saturday, May 26, 12.59 P.M. Box 131.

No. 7 Jefferson Street. Owned by William Kelley. No loss. Occupied by William Burball as dwelling. No loss. Cause, chimney fire.

Saturday, May 26, 8.05 P.M. Still.

No. 52 Mt. Auburn Street. Occupied by Bridget Nash as dwelling. Loss, trifling. Cause, gas light ignited curtain.

Tuesday, May 29, 10.54 P.M. Box 721. False alarm.

Wednesday, May 30, 8.39 A.M. Box 271.

No. 34 Camp Street. Owned by Irvin R. Dix. Loss, $769.50. Insurance, $2,500. Occupied by Edward A. Mullen as dwelling. Loss, $71.50. Insurance, $500. Occupied by Thomas J. Young. Loss, $260. Insurance, $1,000. Occupied by Ralph S. Spalding. Loss, $250. No insurance. Cause, towels on line behind stove taking fire. Originated on second floor while occupants were absent.

Wednesday, May 30, 9.41 P.M. Still.

No. 216 Upland Road. Owned and occupied by M. E. Mullins as dwelling. Loss, trifling. Cause, gaslight ignited curtain.

JUNE.

Sunday, June 3, 9.57 A.M. Box 28.

Near Main Street. B. & A R.R. Carload of hay. Owned by E. R. Luke & Co. Loss, $75. Insurance, $175. Cause, supposed set by boys.

Monday, June 4, 3.30 P.M. Still.

No. 54 Mt. Auburn Street. Owned by University Association. No damage. Cause, fence afire.

Monday, June 4, 4.00 P.M. Still.

Rear No. 184 Gore Street. Dump fire ignited fence. Damage, trifling.

Monday, June 4, 8.15 P.M. Box 16.

No. 29 Harvard Street. Owned by John M. Ward. No loss. Unoccupied dwelling set afire.

Wednesday, June 6, 7.39 A.M. Box 29.

No. 58 Bristol Street. Owned by Richard Dunn as dwelling. No loss. Cause, chimney fire.

Thursday, June 7, 8.36 P.M. Still.

No. 20 Craigie Street. Owned and occupied by George B. Roberts as dwelling. No loss. Cause, chimney fire.

Thursday, June 7, 9.14 P.M. Box 29.

No. 2 Crossland Street. Owned by Asa Lampson. No loss. Cause, hot ashes in box in yard.

Friday, June 8, 2.46 P.M. Box 34.

No. 113 Hampshire Street. Owned by Richard Ela. No loss. Occupied by Edward Galagher as dwelling. Loss, trifling. Cause, children set fire to bed.

Friday, June 8, 10.59 P.M. Box 149.

No. 29 Line Street. Owned by Patrick J. Kelly. Loss, $10. Insurance, $3,000 Occupied by Patrick J. Kelly as dwelling. Loss, $25. Insurance, $500 Cause, overturned lamp.

Tuesday, June 12, 10 18 P.M. Still.

No. 18 Highland Street. Owned and occupied by T. B. Ticknor as dwelling. No loss. Cause, oily rags in cellar.

Wednesday, June 13, 5.37 P.M. Box 16.

No 3 Pelham Street. Owned by Albert Van Wie as dwelling. Loss, $15. Insurance, $1,200. Cause, sparks on roof from iron foundry.

Thursday, June 14, 9.07 P.M. Box 19. False alarm.

Friday, June 15, 8 53 P.M. Box 137.

No. 15 Magee Street. Occupied by Thorndike Lee as dwelling. No loss. Cause, lamp exploded.

Friday, June 15, 9.22 P.M. Box 83. False alarm.

Saturday, June 16. 10.50 P.M. Still.

No. 14 Pleasant Street. Owned by Frank Cox. Loss, $16. Insurance, $5,000. Occupied by Mattie Outhouse as dwelling. Loss, $24. Insurance, $800. Cause, gaslight ignited curtain.

Sunday, June 17, 10.57 P.M. Box 73.

No. 60 Clifton Street. Owned by Lizzie G. Grayham. No loss. Unoccupied hen house. Cause, set fire by boys.

Monday, June 18, 2.01 A M. Box 162. False alarm.

Monday, June 18, 11.40 P M. Box 87.

New Street. Owned by City of Cambridge. No loss. Unoccupied pest house. Cause, incendiary.

Tuesday, June 19, 12.05 P M Box 87.

New Street. Owned by City of Cambridge. No loss. Unoccupied pest house. Cause, incendiary.

Wednesday, June 20, 8.09 P.M. Box 29.

No 55 Plymouth Street. Owned by Benjamin Fineberg. No loss. Occupied by C. G. Glickman as dwelling. No loss. Cause, water boiled away from meat on stove.

Wednesday, June 20, 8 40 P M. Box 17.

No 595 Main Street. Owned by Rogers Estate. Loss, $30. Insurance, $8,000. Occupied by William Nickerson as dwelling. No loss. Cause, lighted match thrown in basket behind stove.

Wednesday, June 20, 10.40 P.M Still.

New Street. Owned by City of Cambridge. No loss. Unoccupied pest house. Cause, incendiary.

Friday, June 22, 8.21 P.M. Box 29.

No. 86 Hampshire Street. Owned by Slocumb Estate. Loss, trifling. Unoccupied stable. Cause, incendiary.

Saturday, June 23, 1.10 A.M. Box 61.

No. 67 Murray Street. Owned by University Association. Loss, $50. Insurance, information on amount refused. Occupied by Benjamin Robinson as dwelling. Loss, $75. No insurance. Cause, broken lamp.

Saturday, June 23, 9.00 P.M. Box 178.

No. 83 Sherman Street Owned by Louis Rock. Loss, $120. Insurance, $2,000. Occupied by Martin Landry as dwelling. Loss, $28. Insurance, $500. Cause, unknown.

Monday, June 25, 7 45 P M. Box 17.

No. 28 Burleigh Street. Owned by Peter Blanchard. No loss. Occupied by Peter L. Reed as dwelling. No loss. Cause, lighted lamp ignited curtain.

Tuesday, June 26, 8.21 P.M. Box 178.

Light in house mistaken for fire

Wednesday, June 27, 4.30 P.M. Still.

Rubbish in vacant field on Albany Street.

Friday, June 29, 1.21 P.M. Box 162.

No. 207 Mt. Auburn Street. Occupied by Belinda Powers as dwelling. Loss, $10. No insurance. Cause, cleaning bed with naphtha.

JULY

Tuesday, July 3, 7.59 P.M. Box 215.

No. 79 Seventh Street. Owned by M. V. E. Norman. No loss. Occupied by Manuel Silva as dwelling. Loss, trifling Cause, candle set fire to family altar. Alarm from Box 14, two minutes afterward, not needed.

Tuesday, July 3, 9.45 P.M. Box 87.

No. 293 Concord Avenue. Owned and occupied by John F. O'Brien as barn. Loss, $1,100. Insurance, $1,000. Cause, incendiary.

Tuesday, July 3, 11.6 P.M. Box 131.

Fo. 3 Marcella Street Owned by Tobin, Mahoney & Croswell. No loss. Occupied by D. J. McDonald as dwelling. Loss trifling. Cause, oil stove took fire.

Wednesday, July 4, 4.07 A.M. Box 17.

No. 537 Main Street. Owned by Rogers Est. No loss. Occupied by several families. Cause, rubbish in cellar, unknown.

Wednesday, July 4, 9.01 P M. Box 14.

No. 21 Sixth Street Owned by Catherine Kelly as dwelling. No loss. Cause, sparks from fire works on curtain.

Wednesday, July 4, 11.53 P.M. Box 721. False alarm.

Thursday, July 5, 2.48 A.M. Box 131.

No. 1 Jefferson Street. Owned by D. A. Arginzeo. Loss, $109. Insurance, $2,000. Occupied by Zenon Kozlovsky as dwelling. Loss $9.00. Insurance $1,200. Cause, careless dropping match in rubbish in cellar.

Friday, July 6, 11.00 A.M. Box 17.

No. 9 Burleigh Street. Owned by Rogers Est. Loss, $30. Insurance, $2,000. Occupied by Frank Daukehas as dwelling. No loss. Cause, curtain ignited from match.

Friday, July 6, 4.05 P.M. Box 87.

No. 293 Concord Avenue. Owned by John F. O'Brien. No loss. Cause, damaged hay from privious fire set by boys.

Sunday, July 8, 1.50 A.M. Box 17.

No. 38 Hastings Street. Owned by Peter Buslowiez. Loss, $325. Insurance, $1,500. Occupied by D. Mason as dwelling. Loss, $115. Insurance, $300. Cause, lamp exploded. Orginated on first floor.

Sunday, July 8, 3.10 A.M. Box 19. False alarm.

Sunday, July 8, 3.37 A.M. Box 19. False alarm.

Sunday, July 8, 8.37 P.M. Box 115.

No. 91 Charles Street. Owned by William Murray. Loss, $15. Insurance, $1,000. Occupied by William Smith as dwelling. Loss, $25. No insurance. Cause, lamp exploded.

Monday, July 9, 12.26 P.M. Box 14.

No. 569 Cambridge Street. Owned and occupied by J. W. Coveny as office. No loss. Cause, mice in lounge in cellar.

Tuesday, July 10, 11.40 A.M. Still.

First Street. Owned by James P. McSorley. Loss trifling. Cause, fence took fire from rubbish.

Saturday, July 14, 8.40 P.M. Still.

No. 2050 Massachusetts Avenue. Owned by Fred. Green. No loss. Cause, boxes and rubbish in yard.

Sunday, July 15, 11.06 P.M. Box 721. False alarm.

Monday, July 16, 5.47 A.M. Box 87.

New Street. Owned by McCabe Estate. Loss, $250. Insurance, $500. Unoccupied dwelling. Cause, incendiary.

Tuesday, July 17, 8.34 P.M. Box 17.

No. 27 Hastings Street. Owned by John Shaw No loss. Occupied by David Grosman as junk shop. Loss trifling. Cause, Supposed incendiary.

Wednesday, July 18, 10 08 A.M. Box 17.

No. 60 Harvard Street. Owned by Diehl Estate. Loss, $20. Insurance, $1,700. Occupied by William England as dwelling. Loss, $59. Insurance, $500. Cause, child set fire to bed.

Monday, July 23, 3.04 P.M. Box 26.

No. 721 Main Street. Owned by Howe Estate. No loss. Unoccupied dwelling. Cause, unknown Originated in rubbish in cellar.

Monday, July 23, 7.57 P.M. Box 153.

No. 34 Mill Street Owned by Harvard Riverside Association. No loss. Occupied by Gabriel Howard as dwelling. No loss. Cause, lamp dropped and woman's clothing took fire.

Thursday, July 26, 6.28 A.M. Box 9.

No 34 Cambridge Street. Owned by Horace S. Gates. Loss, $100. Insurance, $600. Occupied by Arthur Hackett as blacksmith. Loss, $25. Insurance, $1,000. Cause, fire from wheel tire forge.

Sunday, July 29, 8.45 P.M. Still.

Corner Columbia and Sixth Streets. Electric wire set fire to tree.

Monday, July 30, 11.43 P.M. Box 73. False alarm.

AUGUST.

Thursday, Aug. 2, 11.12 A.M. Box 136.

No. 545 Massachusetts Avenue. Owned by Hanna J. Power. Loss, $875. Insurance, $15,000. Occupied by Daniel F. Boyce as dwelling. Loss, $25. No insurance. Occupied by W. T. Roop as dry goods store. Loss, $21. Insurance, $6,000 Cause, rats in ceiling. Originated in third floor.

Thursday, Aug 2, 7.30 A.M. Still.

No. 424 Cambridge Street. Owned by George Lloyd. No loss. Occupied by John T. McMannis as provision store. No loss. Cause, unknown. Originated in barrel of sawdust in cellar.

Friday, Aug. 3, 2 A.M. Still.

Car on B. & M. R. R. afire. Loss trifling.

Sunday, Aug. 5, 1.48 A.M. Box 75

Near Concord Avenue. Owned by N. E. Brick Co. Loss, $500. No insurance. Occupied by N. E. Brick Co. as engine house. Loss, $100. No insurance. Cause, supposed incendiary.

Sunday, Aug. 5, 10 A.M. Still.

First Street. Owned by Coleman Bros. No loss. Cause, pile of soft coal afire.

Friday, Aug. 10, 7.45 P.M. Still.

Main Street. Owned by Boston Elevated R. R. Co. No loss. Cause, electric car afire.

Saturday, August 11, 11.20 A.M. Box 9.

No. 34 Cambridge Street. Owned by Horace S. Gates. No loss. Cause, smoke mistaken for fire.

Monday, August 13, 10.30 A M. Still.

First Street. Owned by Coleman Bros. No loss. Cause, pile of soft coal afire.

Wednesday, August 15, 1.15 P.M Box 114.

No. 165 Gore Street. Owned and occupied by John P. Squire Est. as pork packing plant. No loss. Cause, electric wires in basement ignited wood work.

Thursday, August 16, 11.52 A M. Box 73.

No. 253 Rindge Avenue. Owned by George W. Estabrook. Loss, $150. Insurance, $800. Occupied by Joseph Nadeau as dwelling. No loss. Cause, sparks from chimney on roof.

Thursday, August 16, 11.57 A.M Box 52.

No. 1131 Massachusetts Avenue Owned by T. D. Towle. No loss. Occupied by W. C. Pool as dwelling. No loss. Cause, burning rubbish in furnace making smoke.

Thursday, August 16, 1.28 P.M. Box 162.

No. 92 Foster Street. Owned by John Nelligan. No loss. Occupied by Mary Fitzgerald as dwelling. No loss. Cause, children with matches in cellar.

Friday, August 17, 5 25 P.M. Still.

Murray Street. Owned by Boston Elevated R. R. Loss trifling. Occupied by Boston Elevated R. R. as oil room. Cause, spark from forge in next room igniting oily waste.

Sunday, August 19, 12.01 P.M. Box 32.

No. 493 Windsor Street. Owned by Louis Rubin. Loss, $170. Insurance, $5,000. Occupied by Michael Dodkewitch as dwelling. Loss, $20. No insurance. Cause, oil stove took fire.

Sunday, August 19, 1.05 P M. Still.

No. 217 Portland Street. Owned by Ferry Bros. Loss trifling. Cause, match thrown from window igniting awning.

Sunday, Aug. 19, 9.23 P.M. Box 178.

No. 240 Walden Street. Owned by Cornelius Finncane. Loss, $38.75. Insurance, $2,000. Occupied by Michael Riardon as dwelling. Loss trifling. Cause, lamp exploded.

Tuesday Aug. 21, 7.34 P.M. Box 17.

No. 27 Hastings Street. Owned by John Shaw. No loss. Occupied by David Grosman as junk shop. No loss. Cause, supposed incendiary.

Tuesday Aug. 21, 11. 47 P.M. Box 31.

No. 23 Harding Street. Owned by Timothy J. Lane. Loss, $155. Insurance, $1,000. Occupied by Mary Mithen as dwelling. Loss, $206. Insurance, $500. Cause, unkown. Originated in clothes closet.

Saturday Aug. 25, 11.25 P.M. Still.

No. 29 Kinnaid Street. Owned by Annie Brown No loss. Occupied by G. J. Grannon as dwelling. No loss. Cause, oil stove took fire.

Sunday, Aug. 26, 1.20 A.M. Box 271.

No. 1. Bismarck Street. Owned by Henderson Bros. Loss, $250. Insurance, $1,000, Occupied by Joseph E. Chandler as dwelling. Loss, $275. Insurance, $1,000. Cause, lamp exploded.

Sunday, Aug. 26, 9.05 P.M. Box 136.

No. 108 Austin Street. Owned by Eskel G. Nelson. Loss, $10. Insurance, $7,500. Occupied by W. S. Davidson as dwelling. Loss, $25. No insurance. Cause, burning joss sticks ignited curtain

Tuesday, Aug. 28, 3.24 P. M. Box 17.

No. 55 Harvard Street. Owned by Lever Bros. No loss. Unoccupied dwelling. Cause, rubbish in cellar set afire by boys.

Thursday, Aug. 30, 9.40 A.M. Still.

No. 7 Second Street. Owned by Mary J. Burt. Loss, $15. Insurance, $2,500. Occupied by Mary O'Connell. No loss. Cause, rats and matches in partition.

Thursday, Aug. 30, 10.14 P.M. Box 114.

Alarm given for fire in Somerville.

Friday, Aug. 31, 3.04 P.M. Box 41.

No. 18 Somerset Street. Owned by Judson C. Smith. No loss. Occupied by E. P. McDonough as stable. No loss. Cause, boys set fire to hay seed on floor.

SEPTEMBER.

Saturday, Sept. 1, 7.00 P.M. Still.

No. 134 Hampshire Street. Owned by Casper Berry. No loss. Occupied by Red Jacket Firemen's Association as storage. No loss. Cause, spontaneous combustion in oily waste.

Tuesday, Sept. 4, 4.55 P.M. Box 8.

No. 21 Thorndike Street. Owned by Irvin & Casson. No loss. Occupied by Railway Supply Manufacturing Company as storage room. Loss, $2,445.61. Insurance, $60,000. Cause, spontaneous combustion in bales of cotton on fourth floor.

Tuesday, Sept. 4, 5.17 P.M. Box 24.

No. 7 Valentine Street. Owned by Morse Real Estate Trust. Loss, $150. Insurance, $600. Unoccupied dwelling. Cause, rats and matches in ceiling of attic.

Thursday, Sept. 6, 4.30 P.M. Still.

Longfellow Park. Rubbish burning.

Friday, Sept. 7, 5.30 P.M. Still.

Near Garden Street. Owned by James Gray. No loss. Cause, stable manure heap, spontaneous.

Saturday, Sept. 8, 4.56 P.M. Box 14.

No. 442 Cambridge Street. Owned by Charles W. Blake. Loss, $288.75. Insurance, $3,000. Occupied by Matthew Clark as dwelling. Loss, $225. No insurance. Cause, oil stove took fire.

Saturday, Sept. 8, 6.01 P.M. Box 35. False alarm.

Saturday, Sept. 8, 8.30 P.M. Still.

State Street. Owned by Blacker & Shepard. No loss. Occupied by Blacker & Shepard as mill. Cause, wood in boiler room took fire from sparks.

Saturday, Sept. 8, 10.45 P.M. Box 26.

State Street. Owned and occupied by Blacker & Shepard as mill. Loss, trifling. Cause, fire on roof from sparks of previous fire.

Sunday, Sept. 9, 8.26 P.M. Box 7.

Boston & Maine R. R. Yard. Owned by Boston & Maine R. R. Loss, $300. Insurance, $300. Cause, retort in gas house exploded and set fire to building.

Monday, Sept. 10, 12.14 A.M. Box 7.

Boston & Maine R. R. Yard. Cause, sparks from gas retort. Alarm not needed. Alarm from Box 9, 12.15, given for same cause, not needed.

Thursday, Sept. 13, 7.18 P.M. Box 73.

No 27 Montgomery Street. Owned by Joseph Martell. Loss, $23. Insurance, $1,500. Occupied by Joseph Martell as dwelling. Loss, $25. Insurance, $1,100. Cause, lamp dropped and exploded.

Sunday, Sept. 16, 2.17 P.M. Box 116.

Wadsworth Street. Owned by Eugene Valeman. No loss. Cause, wood pile set afire by boys.

Wednesday, Sept. 19, 4.48 P.M. Box 27.

No 8 Market Street. Owned by Bernard Rothstein. Loss, trifling. Cause, sparks from chimney on roof.

Thursday, Sept. 20, 4.23 A.M. Box 114.

No. 165 Gore Street. Owned and occupied by J. P. Squire & Co. as oil and lard manufactory. No loss. Cause, spontaneous combustion. Originated in cloths in laundry room.

Friday, Sept. 21, 7.15 P.M. Box 9. General alarm.

No. 34 Cambridge Street. Owned by H. C. Gates. Loss, $275 Insurance, $1,000. Occupied by Frank H. Reed as carriage paint shop. Loss, $165. Insurance, $500. Cause, unknown. Originated on second floor near chimney.

Friday, Sept. 21, 11.31 P.M. Box 9.

No. 34 Cambridge Street. Cause, rekindling of previous fire.

Saturday, Sept 22, 8.56 P.M. Box 15.

No. 106 Fourth Street. Owned and occupied by Mary J. O'Hearn as dwelling. Loss trifling. Cause, towel on line behind stove took fire.

Monday, Sept. 24, 2.10 P.M. Still.

No. 34 State Street. Occupied by A. Thistle as dwelling. Loss trifling. Cause, unknown. Originated in bed.

Monday, Sept. 24, 4.34 P.M. Box 26.

No. 8 Moore Street. Owned by Eugene D. Brooks. Loss, $136. Insurance, $5,000. Occupied by J. Atkochaistis as dwelling. Loss $50. No insurance. Cause oil stove took fire.

Monday, Sept. 24, 5.43 P.M. Box 45.

No. 348 Green Street. Owned by George Caswell. No loss. Occupied by F. L. Churchill as laundry. No loss. Cause, match dropped in waste paper under bench.

Tuesday, Sept 25, 10.35 A.M. Box 29.

No. 80 Hampshire Street. Owned by S. Tower. No loss. Unoccupied dwelling. Cause, rubbish in cellar set afire by boys.

Wednesday, Sept. 26, 10.16 P.M. Box 721. False alarm.

Friday, Sept. 28, 7.53 P.M. Box 28. False alarm.

Friday, Sept. 28, 8.15 P.M. Still.

Fire in Somerville. Engine No. 3 sent to assist.

OCTOBER.

Tuesday, Oct. 2, 11.10 A.M. Still.

No. 122 Berkshire Street. Owned by L. Leventhol. Loss, $40. Insurance, $14,000. Occupied by Joseph Miller. No loss. Cause, stove pipe ignited wood work.

Tuesday, Oct 2, 8.27 P.M. Box 92.

Aberdine Avenue. Owned by Francis L. Whittier. No loss. Unoccupied dwelling. No assessed value on building. Cause, unknown.

Sunday, Oct. 7, 9.37 A.M. Box 29.

No. 48 Berkshire Street. Owned by Joseph A. Tavaris. Loss trifling. Occupied by Charles B. Lothrop. No loss. Cause, sparks from chimney set fire to roof.

Sunday, Oct. 7, 8.31 P.M. Box 72.

No. 55 Montgomery Street. Owned by Jeremiah Horan. Loss, $15. No insurance. Occupied by Jeremiah Horan as dwelling. Loss $25. No insurance. Cause overturned lamp.

Tuesday, Oct. 9, 11.22 P.M. Box 116.

No. 354 Third Street. Owned by Cambridge Gas Light Co. Loss, $405. Insurance, $1,000. Occupied by Cambridge Gas Light Co., as chemical room Loss, $460. Insurance, $12,000. Cause, bottles shaken from shelf by heavy thunder, and broken, causing chemicals to ignite.

Wednesday, Oct. 10, 1.11 P M Box 52.

Mt. Auburn Street. Owned by city of Cambridge. Cause load of hay set afire by some person unknown. Alarm given two minutes afterward from Box 53 not needed.

Thursday, Oct. 11, 6.10 P.M. Still.

No. 490 Franklin Street. Owned and occupied by Mary F. Holland as dwelling. No loss Cause chimney fire.

Friday, Oct. 12, 12.16 A M. Box 135.

No. 281 Harvard Street. Owned by John S. Slater. Loss, —— Insurance, $5,000. Unoccupied dwelling. Cause, supposed spontaneous in painter's rags and paint pots.

Tuesday, Oct. 16, 8.50 P.M. Box 94.

Grass fire on Ericsson Street.

Wednesday, Oct 17, 1.34 P.M. Box 79.

No 27 Craigie Street. Owned and occupied by Catherine Hosford as dwelling. Loss, $100. Insurance, $20,000. Cause, careless dropping match in basket of clothes.

Friday, Oct. 19, 10.18 A.M. Box 51.

No. 42 Dana Street. Owned by Neil A. Monahan. Loss, $175. Insurance, $7,000. Occupied by Charles Randell as dwelling. Loss, $75. No insurance. Cause, cleaning in kitchen with naphtha.

Wednesday, Oct. 24, 10.47 P.M. Box 13.

No. 397 Cambridge Street. Owned by Charles Viano. No loss. Occupied by Minnie Chernoff as dry goods store. No loss. Cause, unknown. Rubbish in cellar afire.

Friday, Oct. 26, 2.31 A.M. Box 16.

No. 244 Sixth Street. Owned by Bird Estate. Loss, $434.50. Insurance, $800. Occupied by George W. Hayden as brass foundry Loss, $288.66 Insurance, $1,600. Occupied by Mead & Morrison with patterns. Loss, $500. No insurance. Occupied by Boston & Lockport Block Co. with patterns. Loss, $500. Insurance, $500. Cause, sparks and overheat from melting pots.

Friday, Oct. 26, 9.00 A.M. Still.

No. 107 Massachusetts Avenue. Owned by Davis Ice Cream Co. No loss. Occupied by F. Briswell as restaurant. No loss. Cause, pan of fat on stove took fire.

Saturday, Oct. 27, 1.18 P.M. Box 137.

No. 163 Western Avenue. Owned by Edith M. Swett. Loss, $546. Insurance, $3,000. Unoccupied dwelling. Cause, unknown. Originated under roof. Alarm from Box 37 not needed.

Sunday, Oct. 28, 7.41 P.M. Box 93.

Grass fire on marsh land. Alarm not needed.

Sunday, Oct. 28, 8.50 P.M. Still.

No. 45 Cameron Street. Owned by Casmo Accetta. Loss, ——. Insurance, $3,500, Occupied by Casmo Accetta as dwelling. No loss. Cause, overheated gas stove without legs on floor.

Monday, Oct. 29, 10.50 A.M. Still.

Near Cambridge Street. Cause, sparks from locomotive set fire to fence along railroad.

Monday, Oct. 29, 5.37 P.M. Box 17.

Near Main Street. Freight car on B. & A. R. R. Loss, trifling. Car occupied by E. R. Luke with hay. Loss, $100. Insurance, $100. Cause, set afire by boys.

Monday, Oct. 29, 6.37 P.M. Box 31.

Cambridge Street near Harding. Electric car took fire.

Tuesday, Oct. 30, 7.35 A.M. Still.

No. 4 Hubbard Park. Owned by Hubbard Estate. No loss. Occupied by Max Kellner as dwelling. No loss. Cause, chimney fire.

Wednesday, Oct. 31, 6.19 P.M. Box 24.

No. 27 Lopez Street. Owned by Patrick Dolan. No loss. Occupied by John Maguire as dwelling. No loss. Cause, chimney fire.

Wednesday, Oct. 31, 10.54 P.M. Box 35.

No. 47 Essex Street. Owned by Frank Scanlon. No loss. Occupied by William Gleason as dwelling. No loss. Cause, rags on stove.

NOVEMBER.

Thursday, Nov. 1, 12.05 A.M. Box 31.

No. 924 Cambridge Street. Owned by Robert Fawcett. Loss, $3,954. Insurance, $5,000. Occupied by Edward A. Bancroft as barrel factory. Loss, $1,200. Insurance, $2,400. Cause, unknown. Originated in hay loft.

Thursday, Nov. 1, 5.54 P.M. Box 21.

No. 196 Sidney Street. Owned by Thomas O'Hara. Loss, $187. Insurance, $2,000. Occupied by Patrick Murphy as dwelling. Loss, $10. No insurance. Cause, oil stove took fire

Saturday, Nov. 3, 10.36 P.M. Box 427.

No. 208 Broadway Owned by L. Kemp & Son. No loss. Occupied by Doten, Dunton Co. as desk factory. No loss. Cause, sawdust in chute took fire in boiler room.

Saturday, Nov. 3, 2.08 P.M. Box 79.

Cause, rubbish on fire on Doane Street.

Sunday, Nov. 4, 1.21 A.M. Box 7. False Alarm.

Sunday, Nov. 4, 7.33 P.M. Box 89.

No. 795 Concord Avenue. Owned by City of Cambridge. Loss, $1,500. No insurance. Unoccupied dwelling. Cause, incendiary.

Monday, Nov. 5, 8.20 A.M. Box 48.

No. 1300 Cambridge Street. Owned by Henry Shaffer. No loss. Occupied by Samuel Fishman as dwelling. No loss. Cause, smoke from stove mistaken for fire.

Tuesday, Nov. 6, 8.00 P.M Still.

Foot of Pearl Street. Grass fire.

Tuesday, Nov. 6, 11.27 P.M. Box 7.

Prison Point Street. Owned by B. & M. R. R. Cause, spark from locomotive set fire to coal shed. No loss.

Wednesday, Nov. 7, 1.42 A.M. Box 36.

No. 137 Austin Street. Owned by Mary Ann Folger. Loss, $135. Insurance, $1,000. Occupied by Albion Chipman as automobile storage. Loss, $85. Insurance, $500. Cause, overheated stove pipe in contact with floor.

Wednesday, Nov. 7, 9.17 A.M. Box 137.

No. 240 Western Avenue. Owned and occupied by Morris Rosenburg as dwelling. Loss, $40. Insurance, $300 on contents. Cause, child playing with matches set fire in bureau drawer.

Wednesday, Nov. 7, 7.57 P.M. Box 428.

No. 29 Hampshire Street. Owned by Boston Woven Hose and Rubber Company. No loss. Cause, rubber mixture took fire in building No. 12.

Thursday, Nov. 8, 8.17 A.M. Box 14.

No. 492 Cambridge Street. Owned by James P. McSorley. No loss. Occupied by Thomas Lake as dwelling. Loss, $19. Insurance, $1,000. Cause, careless dropping match on lounge.

Thursday, Nov. 8, 4.26 P.M. Box 428.

No. 29 Hampshire Street. Owned by Boston Woven Hose and Rubber Company. Alarm given by accident.

Friday, Nov. 9, 4.40 A.M. Still.

No. 617 Cambridge Street. Owned by Boston Elevated Railway Company. No loss. Occupied by J. F. Fay as poolroom. No loss. Cause, careless dropping fire in sawdust on floor.

Friday, Nov. 9, 3.02 P.M. Box 17.

No. 96 Washington Street. Owned by G. M. Rogers Estate. No loss. Occupied by James Dunn as dwelling. No loss. Cause, chimney fire.

Friday, Nov. 9, 7.01 P.M. Box 38.

No. 119 Erie Street. Owned by Thomas McGuire. Loss, $17. Insurance, $2,000. Occupied by Mary Murphy as dwelling. Loss, $55.22. Insurance, $1,000. Cause, unknown; originated in clothing in attic room.

Friday, Nov. 9, 6.30 A.M. Still.

Junction Western Avenue and River Street. Electric car afire.

Saturday, Nov. 10, 4.30 A.M. Still.

Junction Western Avenue and River Street. Owned and occupied by W. E. Sprague as lunch car. Loss, $30. Insurance, $800. Cause, overheated smoke stack in contact with roof.

Saturday, Nov. 10, 3.44 P.M. Box 341.

No. 183 Columbia Street. Owned by George B. Ketchum. No loss. Occupied by several families. Cause, ash barrel in yard set afire by boys.

Monday, Nov. 12, 6.17 P.M. Box 34.

No. 49 Lincoln Street. Owned and occupied by Dennis Collins as dwelling. Loss, trifling. Cause, curtain took fire from lamp.

Tuesday, Nov. 13, 1.12 P.M. Box 139. False alarm.

Wednesday, Nov. 14, 2.21 P.M. Box 31.

No. 11 Hunting Street. Owned and occupied by William F. Newman as dwelling. Loss, trifling. Cause, clothes on rack over stove took fire.

Friday, Nov. 16, 12.22 P. M. Box 112.

Water Street. Owned and occupied by Revere Sugar Refining. No loss. Cause, back pressure in gas retort threw out fire, igniting oil in cup.

Saturday, Nov. 17, 10.56 A.M. Box 29.

No. 43 Plymouth Street. Owned and occupied by Matthew B. Tonry as dwelling. No loss. Cause, children playing with matches in cellar set fire to rags.

Saturday, Nov. 17, 1.05 P.M. Box 13.

No. 391 Cambridge Street. Owned by Mrs. Eugenie Norman. Loss, $15. Insurance, $1,500. Occupied by Amos Souza as dwelling. No loss. Cause, defect in chimney.

Saturday, Nov. 17, 11.21 P.M. Box 13.

No. 397 Cambridge Street. Owned by Charles Viano. Loss, $267. Insurance, $2,500. Unoccupied dwelling. Cause, incendiary.

Monday, Nov. 19, 9.30 A.M. Still.

Accidental automatic from Riverside Press.

Monday, Nov. 19, 6.08 P.M. Still.

No. 56 Mt. Auburn Street. Owned by University Associates. No loss. Occupied by Mrs. John Bergen as dwelling. No loss. Cause, match dropped in waste paper.

Tuesday, Nov. 20, 5 P.M. Still.

Accidental automatic from J. H. Gerlach mill.

Wednesday, Nov. 21, 11 A.M. Still.

No. 43 Murray Street. Owned by Harvard Associates as dwelling. No loss. Cause, sparks from chimney on roof.

Wednesday, Nov. 21, 7.20 P.M. Still.

Accidental automatic from J. H. Gerlach mill.

Thursday, Nov. 22, 6.20 A.M. Still.

Corner Portland and Main Streets. Cause, smoke from peanut roaster.

Thursday, Nov. 22, 5.25 P.M. Box 112.

Cause, rubbish on railroad near North Street. Alarm unnecessary.

Friday, Nov. 23, 5.01 P.M. Box 131.

No. 691 Cambridge Street. Owned by Augustus Lacerda. No loss. Occupied by Lena Davidson as dry goods store. Loss, trifling. Cause, gas light ignited goods in window.

Saturday, Nov. 24, 6.06 P.M. Box 116.

No. 10 Broadway. Owned by Patrick Monahan. No loss. Occupied by Thomas Carigg as dwelling. Loss, trifling. Cause, man smoking in bed.

Wednesday, Nov. 28, 1.58 P.M. Box 25.

No. 869 Main Street. Owned by Phillips Bros. Loss, $71. Insurance, $6,000. Occupied by M. O'Keefe as grocery. No loss. Cause, empty boxes in passage took fire from candle.

Thursday, Nov. 29, 9.02 A.M. Box 52.

No. 1054 Massachusetts Avenue. Owned by Mary A. Southwick. Loss, $20. Insurance, $8,000. Occupied by M. O'Keefe as grocery. No loss. Cause, overheated gas stove in office.

Friday, Nov. 30, 3.53 P.M. Box 341. False alarm.

REPORT OF THE CHIEF OF POLICE

To the Honorable, the Mayor, and the City Council of the City of Cambridge: —

Gentlemen: — In compliance with the City Ordinance, I have the honor to present the annual report of the work of the Police Department to November 30, 1906.

The whole number of arrests for the year has been three thousand three hundred and thirty-four (3,334) against three thousand two hundred and five (3,205) last year, an increase of one hundred and twenty-nine (129).

Males	3,108	Adults	2,397
Females	226	Minors	937

The offences for which arrests have been made are as follows: —

Adultery	4	Fornication	3
Assault and battery	204	Fugitive from justice	2
Assault, felonious	7	Gaming, or present at	60
Assault on officer	10	Gaming on Lord's day	30
Assault, indecent	1	Giving false alarm of fire	15
Assault with intent to rob	1	Intimidation	1
Arson	5	Idle and disorderly	10
Assault with intent to kill	2	Incest	1
Attempt to break and enter	8	Insane	11
Assault with dangerous weapon	2	Illegal transporation	3
Abandoned child	1	Illegal sale of liquor	4
Burning building	5	Illegal use of transfer checks	3
Bastardy	20	Keeping unlicensed dogs	34
Being present where gaming implements were found	30	Keeping shop open on Lord's day	3
		Keeping common gaming house	1
Breaking and entering	94	Liquor nuisance	14
Bigamy	3	Larceny	278
Buying junk from minor	4	Larceny in building	11
Capias	39	Lewd and lacivious	8
Common drunkard	30	Larceny from person	6
Carrying concealed weapons	4	Loitering	10
Contempt of Court	3	Malicious mischief	22
Conveying leased property	3	Malicious injury to real estate	6
Cruelty to animals	4	Non-payment of taxes	1
Carnal knowledge of female child	2	Non-support	79
Deserter from U. S N.	2	Neglected children	39
Disturbing public peace	305	Nude bathing	4
Disturbing religious meeting	5	Not confining dangerous dog	2
Drunkenness	1.428	Obstructing street car	1
Disturbance on a street car	32	Polygamy	1
Delinquent children	20	Peddling without license	26
Escaped prisoners	4	Perjury	1
Evading car fare	8	Receiving stolen goods	6
Exposure of person	6	Robbery	6
Exhibiting children	1	Rape	5
Forgery	3	Selling adulterated oil	1

Setting fire	7
Safe keeping	10
Stubborn children	20
Suspicious persons	20
Surrendered by bail	1
Selling cigarettes to minor	2
Threatening	8
Truants	1
Trespass	28
Throwing stones at railroad car	1
Tampering with fire alarm	3
Using unsealed measures	1
Unnatural act	1
Unlawfully appropriating team	7
Vagrants	7
Violating City ordinances	109
Violation of milk law	9
Violating terms of probation	41
Violating food law	3
Violating Park rules	13
Violating Board of Health rules	6
Violating pool and billiard license	3
Violating automobile law	20
Walking on railroad track	1
Wayward children	4

NATIVITY OF PRISONERS.

United States	2,096
Ireland	613
British Provinces	286
England	52
Sweden	49
Italy	40
Scotland	20
Germany	17
Denmark	5
Greece	18
Norway	4
Finland	5
Russia	65
Armenia	2
France	5
Holland	1
Turkey	5
Switzerland	1
Austria	5
West Indies	16
Poland	20
Portugal	15
China	4

OCCUPATION OF PRISONERS.

Actors	1
Artists	2
Agents	24
Bakers	47
Barbers	18
Brass finishers	9
Blacksmiths	17
Butchers	12
Boilermakers	19
Bookbinders	10
Bookkeepers	4
Bartenders	4
Brokers	1
Cigarmaker	1
Coopers	14
Cooks	21
Carpenters	63
Confectioners	8
Coachmen	2
Clerks	59
Cabinetmakers	11
Chaffeurs	11
Druggists	8
Domestics	30
Electricians	4
Expressmen	4
Engineers	14
Farmers	12
Firemen	20
Gardners	16
Glass Workers	3
Hostlers	19
Harnessmakers	3
Housekeepers	146
Iron Workers	6
Instructors	1
Junk Dealers	26
Janitors	3
Lathers	4
Laborers	1,106
Masons	37
Milkmen	9
Moulders	19
Machinists	39
No occupation	728
Photographers	6
Physicians	4
Piano Workers	5
Polishers	10
Plumbers	24
Printers	23
Painters	81
Peddlers	89
Roofers	5
Rubber Workers	29
Railroad Men	19
Sailors	16
Steamfitters	5
Stonecutters	12
Storekeepers	33
Students	14
Shoemakers	29
Salesmen	20
Tailors	24
Tinsmiths	14
Teamsters	240
Waiters	13
Upholsterers	4

Number of days lost by officers by reason of sickness, 390½

MISCELLANEOUS BUSINESS.

Accidents	169	Defective wires	136
Buildings found open and secured	274	Defective streets and sidewalk	1,371
Cases investigated	2,838	Disturbances suppressed	210
Dangerous buildings	6	Dogs killed	51
Dead bodies found	13	Fire alarms given	23
Defective catch basins	31	Fires extinguished without alarms	33
Defective drains and vaults	2	Intoxicated persons assisted home	2
Defective fire alarms and clocks	1	Lost children restored	400
Defective gas pipes	11	Sick and injured persons assisted	138
Defective water pipes	150	Stray teams put up	45
Defective hydrants	19	Street obstructions removed	9
Defective lamps	3,143	Water running to waste	50

Whole number of lodgers, 64.

Male	62	Minors	0
Female	2	White	63
Adult	64	Colored	1

SIGNAL SYSTEM.

Duty calls by officers	349,810
Telephone calls	23,084
Wagon calls	1,517
Miles run	2,654
To fires	2
Sick and injured persons carried to hospital in patrol wagon	41
Sick and injured persons carried home in patrol wagon	9
Other runs	45

AMBULANCE.

The ambulance has been called to three hundred and eighty-one (381) accidents, and seven-two (72) removals.

CITY PROPERTY IN USE BY POLICE DEPARTMENT.

150	badges	$100 00	1	hat rack	$3 00
125	belts	143 75	14	ink stands	7 00
125	short billies	62 50	30	lanterns	15 00
10	bedsteads	50 00	8	mirrors	16 00
	Bedding and blankets	50 00	3	maps	15 00
1	couch	10 00	10	rugs	30 00
1	buggy	50 00	12	pairs handcuffs	36 00
5	clocks	25 00	1	police van	200 00
2	bureaus	3 00	3	signal systems	10,000 00
75	chairs	95 00	4	bicycles	75 00
200	copies police rules	75 00	1	patrol wagon, old	50 00
14	desks	260 00	3	patrol wagons	1,000 00
1	easy chair, Matron's	10 00	120	revolvers	480 00
4	horses	400 00	3	robes, carriage	10 00
6	harnesses	180 00	1	rogues' gallery	150 00
4	halters	1 00	2	safes	100 00

8	spittoons	$2 00
1	sleigh	25 00
1	stove	8 00
2	straps and weights	1 00
1	telephone line	300 00
3	thermometers	2 00
40	tin dippers	8 00
1	typewriter and desk	140 00
2	umbrella stands	2 00
1	wagon van, old	$25 00
8	waste baskets	3 00
4	water coolers	20 00
	Operating table and chair	37 50
3	medicine cabinets	75 00
2	wardrobes	15 00
2	wagon jacks	2 00
		$14,367 75

In the Inspector's Department during the year there has been :—

Property reported stolen		$8,243 90
Property recovered		4,536 60
Complaints investigated	856	
Complaints made to court	98	
Arrest made by Inspectors	132	
Convictions	92	
Cases pending	4	
Cases dismissed	2	
Suspicious persons arrested and released	20	
Arrests for other police departments	14	

EXPENDITURES.

Cloth for department	$802 91
Cleaning stations	243 07
Bicycles for department	90 00
Expressing	6 35
Buttons for department	105 00
Horse hire for patrol and ambulance use	24 50
Printing	326 16
Cambridge Gas Light Co.	508 91
Cambridge Electric Light Co	315 64
Clipping horses	15 00
Supplys for stations	758 11
Medical attendance and medicines	89 60
Shoeing horses	187 00
Horse, new	205 00
Combination wagon and ambulance, new	500 00
Food for prisoners	31 10
Telegrams, etc.	28 16
Ice for department	53 95
Repairs on revolvers	1 25
Military instruction	62 00
Counsel fees	74 00
Revolvers for department	110 00
Travelling expenses	315 14
Photographs for rogues' gallery	37 00
New England Telegraph & Telephone Co.	393 97
Hay and grain and care of horses	613 10
Rebate on minor licenses	84 60
Repairs on harnesses	20 50
Repairs on furniture	12 50
Public property for heating and care of buildings	890 00
Repairs on vehicles	248 39
Laundry	30 18
Repairs on buildings	49 60
	$7,222 69

* Salary of Chief of Police	$2 250 00
Salary of Deputy Chief of Police	1,500 00
Salary of Captains and Chief Inspector	5,600 00
Salary of Lieutenants	11,627 27
Policemen, services of	128,130 10
	$149,107 37

Appropriation for salaries	$149,775 00
Expended	149,107 37
Balance unexpended	$667 63

Appropriation for general expenses	$7,225 00
Expended	7,222 69
Balance unexpended	2 31

MEMBERSHIP.

The membership of the Department is as follows :—

Chief, FREDERICK B. PULLEN

Deputy Chief, WILLIAM F. BATCHELDER

Captains.

John F. Murray
James E. Murray
John J. McBride

Chief Inspector.

Capt. Patrick J. Hurley

Inspectors.

Lieut. James A. Cox
Lieut. John W. Deehan
Lieut. Michael Neilan

Lieutenants.

James S. Alexander
Michael J Conry
Herbert Gordon
James P. Hall
Charles L. Pike
David A. Stevens

Sergeants.

James E. McNulty
Patrick F. Murray
James M Keaney
Michael J. Brennan
Frederick A. Robinson
James L. McElroy
Daniel F. Counihan
Orrin B. White
William H. McMenimen

Patrolmen.

Richard H. Aylward
William H. Aberle
Charles F. Aberle
George T. Barrington
Elbridge S. Blen
Charles E. Bradley
Ernest E. Blanchard
Thomas F. Burke
Edward J. Comerford
Timothy Corcoran
Thomas M. Campbell
John J. Canney
Robert G. Culhane
John P. Conroy
Thomas F. Coady
Timothy Crane
Patrick Doyle
Anton B. Diehl
Thomas F. Dynan
Patrick F. Dunlea

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* Salary increased June 1st, from $2,000 to $2,500 per year.

Joseph F. Doherty
Harry W. Davis
Joseph J. Donahue
Robert J. Douglas
Frederick M. Ellis
Joseph H. Furbush
James B. Forristall
Lochlin Gavin
John J. Griffiths
William B. Ginty
Francis H. Gutoski
William H. Hill
James H. H. Holt
Edward F. Horrigan
Patrick J. Healey
Benjamin F. Higgins
John A. Hezlitt
Mortimer M. Hackett
William H. H Howe
Jerome D. Ireland
Dexter Jewett
Michael J. Kelley
Patrick D. Kelley
John Kelleher
Fred L. Ladd
Dennis F. Leahy
Timothy F. Leahy
Augustus J. Largenton
Frederick W Law
Frank D. LaMarche
George J. Mahoney
John P. Maloy
Edward J. McCabe
Charles J. McCann
John E. McCrehan
Richard M. McFadden
William N. Mullins
Peter J. Murphy

Bernard McCaffrey
Robert E. Mullen
Michael McMahon
Joseph F. McCorry
Jeremiah H. McCarthy
William F. McKeown
Simon J. Mulvaney
Patrick H. McNamara
John P. Neilan
Maurice P. Nelligan
John J. O'Brien
Charles W. Priest
Joseph F. Parks
Charles H. Presho
John F. Powers
George A. Patten
Bernard J. Roper
Thomas J. Real
Ralph R. Rice
John W. Roberts
William H. Robertson
Thomas P. Rowe
William H. Rowe
Thomas Shea
Cornelius Sheehan
John J. Sheehan
Cornelius Sullivan
John W Skelley
Frank W. Scobey
Benjamin C. Scully
Joseph H. Shannon
Joseph C. Temple
David L. Walsh
David H. Walsh
Edward J. Welch
John H. Wells
John E. Winslow
Charles W. Wyman

Reserve Officers.

Thomas J. Shannon
William F. Biggane
Andrew Conlan
John F. Green
John W. Kelley
Frank Andrew
John M. Ackerly

Timothy Lehane
Joseph F. Tansey
Lawrence P. Dempsey
Patrick E Moylan
Joseph Kelley
John Walsh
Edward C. Gordon

Drivers.

John T. Cook
John Coffey
Dennis J. Sullivan

John Sullivan
Warren H. Dow
Frederick McLaughlin

Pensioners.

Lothrop J. Cloyes
Mark J. Folsom
Henry C. Jones
Edward F. Belcher
George Smyth

Frederick Apel
William H. Graves
Charles C. Marston
Michael A. Ginty
John Coulter

The Department organization at present is 1 chief, 1 deputy chief, 3 captains, 1 chief inspector with rank of captain, 3 inspectors with rank of lieutenants, 6 lieutenants, 9 sergeants, 96 patrolmen and 14 reserve patrolmen. Assignments to Headquarters, chief, deputy chief, chief inspector, 3 inspectors, and 1 patrolman detailed as clerk.

To Division one, 1 captain, 2 lieutenants, 3 sergeants, 41 patrolmen, and 5 reserve patrolmen. To Division two, 1 captain, 2 lieutenants, 3 sergeants, 33 patrolmen, and 5 reserve patrolmen. To Division three 1 captain, 2lieutenants, 3 sergeants, 22 patrolmen, and 4 reserve patrolmen, a makingtotal of 134 officers and patrolmen. Four drivers of patrol wagons and ambulances and two matrons as employees of the department, are assigned as follows: 4 drivers at station 2, 2 at station 3, and 2 matrons at sta tion 1 where a detention room for women prisoners has been provided, and also a room for the care of persons not under arrest but held for safe keeping and treatment.

The efficiency of the Department has been kept to the highest standard possible under the present system. I am far from satisfied that the best results are being obtained, for at certain seasons of the year there is an uncertainty as to the change of adminstration which results detrimentally to the Department that would not be present if the Department were under an unchanging head, with a steady policy as to its work, which I believe can only be secured in one way, which I have outlined under the head of recommendations.

The discipline has been fairly good, but few complaints having been made against officers. The liquor law has been well enforced during the past year, 21 violators of the law having been brough before the Court.

Two patrolmen have been murderously assaulted while in the discharge of their duty, one while arresting a man for breaking and entering, receiving a pistol bullet which lodged under his right shoulder blade, where it yet remains, he being still unable to perform his regular duty.

He was commended in general orders for his promptness in responding to the call and courage displayed, he being off duty and unarmed at the time, but pluckily held his man throwing him down and getting the revolver from him. One man is now serving a sentence of from 8 to 12 years, and another is waiting trial in the Superior Court, in this case

The other patrolman was wounded in the head by a charge from a shot gun in the hands of a rum infuriated man who threatened to shoot him if he came nearer, and whom he was endeavoring to pacify in order to get near enough to disarm and arrest, and in the final rush was shot, his helmet being demolished and several large shot entering the side of his head; the man was later arrested and is waiting trial under indictment for assault with intent to kill the officer.

The Inspectors have been very successful the past year in their work, and have assisted very materially in making Cambridge an unsafe city for "crooks" to visit.

The force has been increased during the year by the addition of 3 sergeants so that a sergeant might be assigned for day duty in each Division. Four patrolmen, who had become incapacitated for further service, have been retired during the year. One pensioner has died leaving ten on the pension roll.

On December 10, 1905, Lieutenant Daniel Callahan died after a long and painful illness. He had given many years of faithful service to the City, and had become endeared to his fellow officers, and to the citizens generally by his even temperament and kindly disposition.

RECOMMENDATIONS.

I would reccommend that early action be taken by the Honorable City Council to place the Police Department under a commission, the members of which shall be appointed by His Excellency, the Governor, thereby taking the police force entirely out of politics; then the officers can do their duty without fear of personal consequences, whereas under present conditions of uncertainty, with administrations changing every year or two, there is a feeling among the men that the less they do the less liability there is of being molested by changing conditions.

While the department as a whole is up to a fair standard of efficiency, I repeat that I am not satisfied that we are getting the best work the department is capable of under more satisfactory conditions.

Therefore it is my firm conviction that the only remedy to bring this police force into a state of thorough discipline and efficiency is to eliminate all politics and personal considerations, by placing it under a permanent head with unchanging policy from year to year.

In my last year's report I recommended that police station 1 and sub station 4 be discontinued as police stations, and that a central station for the first district be built, but the remodelling of station 4, bringing it up to the requirements of a district for at least the next 20 years, and feeling that the residents of that section would not be satisfied if the station was closed, also the fact that detention rooms have been provided for women under arrest, and persons who are ill, and for the matron's use at station 1, since my last report, I am of the opinion that a district should be made of Wards 10 and 11 which will insure better protection to the people in that section and better discipline in the force.

I would also recommend that the quarters occupied by station 2 and police headquarters be remodelled bringing them up to the needs of the department. The building is more than 30 years old, and while it was up to the conditions then prevailing, when built, it is now out of repair and unsanitary. The system of brick cells has gone out of use; they are dark, damp and illy ventilated, and should be replaced with the improved steel cages. The two rooms used for headquarters are insufficient for the work of headquarters and the inspectors, department. The rooms now used by the Registrars of Voters and the Overseers of the Poor should be given to the police department, and other rooms provided for the use of those departments.

Respectfully submitted,

FREDERICK B. PULLEN,
Chief of Police.

REPORT OF THE TRUSTEES OF THE BRIDGE CHARITABLE FUND

The close of the year 1906, calls for the presentation of the thirtieth annual report concerning this fund.

The amount on deposit to the credit of this fund July 18, 1905 . .	$4,683 97
Amount due the Overseers of the Poor and withdrawn Dec. 22, 1905 .	2,335 70
	$2,348 27
Interest added to July 18, 1906	82 55
Amount of fund July 18, 1906	$2,430 82

The sum of $891.83 constituting the nucleus of this fund was paid over to the City January 24, 1877, the same being then on deposit at the Cambridgeport Savings Bank. On October 15, 1877, a like sum, viz: — $891.83 was given to the City to be added to the fund, by Samuel J. Bridge, a kinsman of the original donor, Levi Bridge. The amount of the fund was increased to the sum of $1,783.66.

This amount has since been increased by interest additions until up to December 22, 1906, it has reached the sum of $4,683.97. At the date mentioned the sum of $2,335.70 was withdrawn by the Overseers of the Poor in accordance with the terms of the bequest. The story of the circumstances attending the original gift of Levi Bridge, with the report of the action of the City Council thereon, is fully recited in the report of the trustees of the fund for the year 1878, to be found on page 192 of the City Document for that year. It was the fondly cherished desire of the aged founder of this charity, that in the succeeding years, other kindly disposed citizens should add their contributions to the amount of his gift, so that in after times the accruing interest might materially assist the deserving poor of Cambridge. In his earlier years, a prosperous trader in our City, and later the victim of ill health and pecuniary misfortune, he fully realized the hardships and sufferings of the poor, and his heart went out towards them with a far reaching benevolence, stretching forward to distant generations. In fullest accord with his wishes the present trustees would especially invite the attention of the good people of our City to this slowly accumulating fund which perpetuates the name and unselfish generosity of Levi Bridge.

CHARLES H. THURSTON,
CHARLES H. LAKE,
GEORGE A. GILES,
Trustees of the Bridge Charitable Fund.

REPORT OF THE SCHOOL COMMITTEE FOR 1906

In compliance with Section 44 of the Rules of the School Board, the Superintendent herewith submits his second annual report, it being for the year ending December 31, 1906:—

This report follows the plan which has obtained in the reports of the Cambridge School Committee for a number of years.

Information concerning the methods of instruction pursued in the schools, tables of statistics, and statements showing the expenditures are given in such a way that citizens may have accurate information about the management of the schools and their cost.

Population of Cambridge.

1875	47,838	1895	81,643
1885	58,658	1905	97,434

1906 (estimated) . . . 99,934

School Census.

Number of children in the city five years old or more, but less than fifteen.

1875 (taken in May)	8,128	1895 (taken in May)	12,869
1885 (taken in May)	10,957	1905 (taken in September)	15,858

1906 (taken in September) . 15,929

Schools and Classrooms.

December, 1906.

Latin School	1	Classrooms in use	16
English High School	1	“ “	12
Rindge Manual Training School	1	“ “	14
Grammar Schools	5	“ “	70
Grammar and Primary Schools	14	“ “	156
Primary Schools	14	“ “	77
Kindergartens	16	“ “	16
Evening High School	1	“ “	11
Evening Drawing Schools	2	“ “	4
Evening Manual Training School	1	“ “	3
Evening Elementary Schools	4	“ “	32
Whole number of Day Schools			52
Whole number of classrooms for Day Schools			361
Whole number of Evening Schools			8
Whole number of classrooms for Evening Schools			50

NUMBER OF TEACHERS IN THE DAY SCHOOLS.

[The directors of special studies and the teachers of sewing are included in the totals.]

December	Latin School	English High School	Manual Training School	Grammar Schools	Primary Schools	Kindergartens	Total
1902	24	24	15	179	140	25	417
1903	23	24	16	183	142	29	428
1904	23	24	19	187	142	29	435
1905	24	24	22	191	144	32	*451
1906	25	25	22	199	143	31	*459

* Four unassigned teachers are included in the total for 1905 and 1906.

ATTENDANCE AT ALL THE DAY SCHOOLS.

Year	Number of Pupils Registered	Average Number Belonging	Average Daily Attendance	Per cent of Attendance
1902	16,341	14,244	13,215	92.8
1903	16,394	14,397	13,250	92.0
1904	16,257	14,454	13,361	92.4
1905	16,381	14,606	13,550	92.8
1906	16,740	14,907	13,855	92.9

ATTENDANCE AT THE LATIN SCHOOL.

Year	Number of Pupils Registered	Average Number Belonging	Average Daily Attendance	Per cent of Attendance
1902	488	465	441	95.1
1903	501	474	451	94.9
1904	516	487	465	95.5
1905	564	531	506	95.2
1906	577	530	508	95.8

ATTENDANCE AT THE ENGLISH HIGH SCHOOL.

Year	Number of Pupils Registered	Average Number Belonging	Average Daily Attendance	Per cent of Attendance
1902	577	498	464	93.1
1903	583	493	470	95.3
1904	605	556	530	95.4
1905	595	550	525	95.5
1906	619	570	545	95.8

ATTENDANCE AT THE MANUAL TRAINING SCHOOL.

Year	Number of Pupils Registered	Average Number Belonging	Average Daily Attendance	Per cent of Attendance
1902	254	242	229	94.4
1903	300	262	251	95 9
1904	351	315	302	95.9
1905	426	396	377	95.1
1906	489	440	417	94.7

ATTENDANCE AT THE GRAMMAR SCHOOLS.

Year	Number of Pupils Registered	Average Number Belonging	Average Daily Attendance	Per cent of Attendance
1902	7,359	6,711	6,316	94.1
1903	7,279	6,725	6,306	93.8
1904	7,322	6,701	6,316	94.3
1905	7,457	6,713	6,331	94 3
1906	7,412	6,887	6,508	94.5

ATTENDANCE AT THE PRIMARY SCHOOLS.

Year	Number of Pupils Registered	Average Number Belonging	Average Daily Attendance	Per cent of Attendance
1902	6,687	5,708	5,249	92.0
1903	6,711	5,755	5,227	90 8
1904	6,534	5,705	5,194	91.0
1905	6,359	5,629	5,173	91 9
1906	6,682	5,738	5,273	91.9

ATTENDANCE AT THE KINDERGARTENS.

Year	Number of Pupils Registered	Average Number Belonging	Average Daily Attendance	Per cent of Attendance
1902	976	620	516	83 2
1903	1,020	688	545	79.2
1904	929	690	554	80.2
1905	980	787	638	81.1
1906	961	742	604	81.3

NUMBER OF PUPILS ADMITTED TO THE LOWEST GRADE OF THE LATIN SCHOOL.

Course, 5 years.

Year	Boys	Average Age	Girls	Average Age
1902	60	14 years 5 months	88	14 years 4 months
1903	65	14 years 4 months	80	14 years 5 months
1904	67	14 years 5 months	91	14 years 7 months
1905	61	14 years 6 months	92	14 years 8 months
1906	67	14 years 2 months	85	14 years 2 months

NUMBER OF PUPILS GRADUATED FROM THE LATIN SCHOOL.

Course, 5 years.

Year	Boys	Average Age	Girls	Average Age
1902	23	19 years 1 month	39	18 years 9 months
1903	18	18 years 4 months	31	18 years 10 months
1904	19	18 years 1 month	31	18 years 9 months
1905	40	18 years 11 months	30	18 years 7 months
1906	27	18 years 6 months	32	18 years 8 months

NUMBER OF PUPILS ADMITTED TO THE LOWEST GRADE OF THE ENGLISH HIGH SCHOOL.

Year	Boys	Average Age	Girls	Average Age
1902	41	14 years 8 months	155	15 years 1 month
1903	58	14 years 8 months	192	15 years 0 months
1904	24	14 years 5 months	186	15 years 0 months
1905	10	14 years 6 months	209	14 years 6 months
1906	17	14 years 6 months	233	14 years 11 months

NUMBER OF PUPILS GRADUATED FROM THE ENGLISH HIGH SCHOOL.

Year	Boys	Average Age.	Girls	Average Age.
1902	25	18 years 7 months	61	18 years 9 months
1903	15	18 years 8 months	58	18 years 7 months
1904	12	18 years 7 months	64	18 years 9 months
1905	13	18 years 10 months	61	18 years 9 months
1906	7	17 years 7 months	67	18 years 5 months

NUMBER OF PUPILS ADMITTED TO THE LOWEST GRADE OF THE MANUAL TRAINING SCHOOL, WITH THE NUMBER OF GRADUATES.

Year	Admitted	Average Age	Graduated	Average Age
1902	127	15 years 2 months	23	19 years 2 months
1903	144	15 years 2 months	38	18 years 7 months
1904	194	15 years 0 months	30	18 years 3 months
1905	199	15 years 0 months	32	18 years 7 months
1906	167	14 years 11 months	45	18 years 9 months

NUMBER OF PUPILS GRADUATED FROM THE GRAMMAR AND PRIMARY SCHOOLS.

Year	Grammar Schools. Course, 6 yrs.	Average Age	Primary Schools. Course, 3 yrs.	Average Age.
1902	643	14 years 11 months	1,460	9 years 6 months
1903	648	14 years 9 months	1,428	9 years 5 months
1904	708	14 years 10 months	1,444	9 years 6 months
1905	720	14 years 10 months	1,427	9 years 6 months
1906	713	14 years 9 months	1,609	9 years 5 months

LENGTH OF TIME IN COMPLETING THE COURSE OF STUDY IN THE GRAMMAR SCHOOLS.

Year	In 4 years	In 5 years	In 6 years	In 7 years or more
1902	7 per cent	27 per cent	51 per cent	15 per cent
1903	6 per cent	26 per cent	53 per cent	15 per cent
1904	5 per cent	28 per cent	52 per cent	15 per cent
1905	6 per cent	28 per cent	53 per cent	13 per cent
1906	6 per cent	27 per cent	51 per cent	16 per cent

LENGTH OF TIME IN COMPLETING THE COURSE OF STUDY IN THE PRIMARY SCHOOLS.

Year	In 2 years	In 2½ years	In 3 years	In 3½ years	In 4 years	In 4½ years or more
1902	3 per cent	2 per cent	62 per cent	4 per cent	20 per cent	9 per cent
1903	3 per cent	2 per cent	60 per cent	5 per cent	22 per cent	8 per cent
1904	3 per cent	3 per cent	54 per cent	6 per cent	24 per cent	10 per cent
1905	2 per cent	1 per cent	60 per cent	6 per cent	21 per cent	10 per cent
1906	4 per cent	1 per cent	58 per cent	4 per cent	25 per cent	8 per cent

NUMBER OF PUPILS IN THE LATIN SCHOOL, DECEMBER, 1906.

Grade	Boys	Girls	Total	Per cent
Fourteenth	28	39	67	.128
Thirteenth	41	53	94	.180
Twelfth	30	49	79	.152
Eleventh	38	82	120	.229
Tenth	74	89	163	.311
Total	211	312	523	

NUMBER OF PUPILS IN THE ENGLISH HIGH SCHOOL, DECEMBER, 1906.

Grade	Boys	Girls	Total	Per cent
Thirteenth	16	118	134	.211
Twelfth	10	95	105	.166
Eleventh	8	127	135	.213
Tenth	17	229	246	.388
Specials	..	14	14	.022
Total	51	583	634	

NUMBER OF PUPILS IN THE MANUAL TRAINING SCHOOL, DECEMBER, 1906.

Grade	Boys		Per cent
Thirteenth	58	This school is for boys only. It became a part of the public school system, January 1, 1899.	.182
Twelfth	90		.308
Eleventh	135		.205
Tenth	155		.355
Total	438		

NUMBER OF PUPILS IN THE GRAMMAR SCHOOLS, DECEMBER, 1906.

Grade	Boys	Girls	Total	Per cent
Ninth	273	385	658	.089
D	68	65	133	.018
Eighth	363	464	827	.112
C	88	90	178	.024
Seventh	506	562	1,068	.145
Sixth	588	603	1,191	.162
B	109	100	209	.029
Fifth	658	652	1,310	.177
A	173	167	340	.046
Fourth	788	670	1,458	.198
Total	3,614	3,758	7,372	

NUMBER OF PUPILS IN THE PRIMARY SCHOOLS, DECEMBER, 1906.

Grade	Boys	Girls	Total	Per cent
Third	862	786	1,648	.289
Second	964	869	1,833	.321
First	1,213	1,014	2,227	.390
Total	3,039	2,669	5,708	

NUMBER OF PUPILS AND TEACHERS IN THE KINDERGARTENS.

Year	Boys	Girls	Total	Number of Teachers
1903	383	381	764	29
1904	378	364	742	29
1905	415	419	834	32
1906	398	402	800	31

NUMBER OF PUPILS BELONGING TO THE EVENING DRAWING SCHOOLS, WITH THE AVERAGE ATTENDANCE.

1901	1902	1903	1904	1905	1906
193	220	187	167	188	220
97	114	98	102	115	94

NUMBER OF PUPILS BELONGING TO THE EVENING HIGH AND ELEMENTARY SCHOOLS, WITH THE AVERAGE ATTENDANCE.

1901	1902	1903	1904	1905	1906
1,286	1,367	1,664	1,795	2,306	2,312
464	510	625	720	893	1,010

NUMBER OF PUPILS IN THE PRIVATE SCHOOLS IN CAMBRIDGE, INCLUDING THOSE IN THE PAROCHIAL SCHOOLS.

1901	1902	1903	1904	1905	1906
3,439	3,451	3,711	4,047	4,100	4,068

NUMBER OF AGE AND SCHOOLING CERTIFICATES ISSUED.

1901	1902	1903	1904	1905	1906
387	507 *354	565 *655	578 *859	666 *749	851 *1,137

* Issued to minors over sixteen years of age, in accordance with the law of 1902.

COST OF INSTRUCTION IN THE DAY SCHOOLS.

[Salaries of teachers, superintendent, supervisor, agent, clerks, and truant officers.]

Year	Number of Teachers in December	Average Number of Pupils	Whole Cost	Cost per Pupil
1876	176	7,066	$164,818 00	$23 32
1880	182	7,175	130,371 75	18 17
1884	216	8,414	152,290 62	18 09
1888	241	9,756	175,773 80	18 02
1892	284	10,861	207,144 22	19 07
1896	337	11,957	245,104 01	20 50
1898	364	12,907	268,182 97	20 78
1900	409	13,816	326,512 34	23 63
1902	417	14,244	343,787 00	24 14
1903	428	14,397	349,179 80	24 25
1904	435	14,454	356,406 89	24 66
1905	* 451	14,606	366,448 39	25 09
1906	* 459	14,907	377,343 02	25 31

COST OF THE DAY SCHOOLS.

[This includes the cost of instruction, of text-books and supplies, of incidental expenses, of the care of truants, of the care and †repair of schoolhouses, and of the transportation of pupils.]

Year	Number of Teachers in December	Average Number of Pupils	Whole Cost	Cost per Pupil
1876	176	7,066	$200,894 09	$28 43
1880	182	7,175	153,967 56	21 45
1884	216	8,414	203,234 56	24 15
1888	241	9,756	225,408 57	23 10
1892	284	10,861	266,651 02	24 55
1896	337	11,957	316,090 83	26 44
1898	364	12,907	345,566 30	26 77
1900	409	13,816	417,554 00	30 22
1902	417	14,244	427,356 71	30 00
1903	428	14,397	429,554 39	29 84
1904	435	14,454	450,310 44	31 15
1905	* 451	14,606	462,412 09	31 66
1906	* 459	14,907	464,529 43	31 16

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* Four unassigned teachers are included.

† In accordance with the statutory definition of the support of public schools, the cost of the repair of schoolhouses has not been included in the cost of the schools since 1902 and will not be in the future.

COST OF INSTRUCTION IN THE EVENING SCHOOLS.

Year	Drawing	High	Manual Training	Elementary	Total
1902	$1,298 00	$1,682 75	....	$3,218 50	$6,199 25
1903	1,428 00	1,683 00	....	5,000 50	8,111 50
1904	1,343 00	1,577 50	....	5,708 00	8,628 50
1905	1,491 00	1,709 00	$180 00	6,436 00	9,816 00
1906	1,647 00	1,830 00	788 00	7,440 50	11,705 50

FINANCES.

(For the financial year ending December 1, 1906.)

Cost of instruction in the day schools	$377,343 02
Cost of instruction in the evening schools	11,705 50
Cost of care of buildings, including heat and light, day schools	58,052 91
Cost of care of buildings, including heat and light, evening schools	2,727 48
Cost of text-books and supplies, day schools	24,239 23
Cost of text-books and supplies, evening schools	396 95
Expended for care of truants	2,317 15
Expended on flags and flagstaffs	44 85
Expended for incidentals	2,184 27
Expended for transportation of pupils	348 00
Expended on vacation schools	1,801 27
Expended on Rindge Manual Training School, alterations	83 77
Expended on Rindge Manual Training School, equipment	364 63
Expended on Houghton schoolhouse	197 50
Expended on Roberts schoolhouse	72 38
Expended on Wellington schoolhouse	8,229 29
Expended for furniture	1,894 47
Expended for repairs to buildings, furniture, etc.	25,646 50
Expended for sundry labor in building department	2,176 34
	$519,825 51
Deducting from the above the amount received for the tuition of State and Boston City Wards, $1,013.00, the tuition of non-resident pupils, $5,123.00, rebates on pay-rolls, $9.50, the amount received for the sales and damages of books, $687.81, and the amount received for the sale of old material in the building department, $25.00	$6,858 31
The actual cost of the schools to the city is	*$512,967 20
Assessed value of real and personal estates, May, 1906	$105,153,235 00
Ratio of expenditure for school purposes to the valuation of 1906	.0049

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*The amount given above is the actual cost of the schools for the year 1905-1906. The statement differs from that of the city auditor, as expenditures were made and bills approved by the school committee for $4,750.55 for text-books, $623.97 for the care of truants, and $667.73 for incidental expenses, a total of $6,042.25, which were not paid during this financial year.

TABULAR VIEW.

December 31, 1906.

Prepared by the Secretary of the School Committee.

Names of Schools	Teachers	Salaries	No. of Pupils Dec. 31, 1906
Latin	William F. Bradbury	$3,000	523
	John I. Phinney	2,000	
	Cecil T. Derry	1,050	
	Alfred R. Wightman	1,400	
	Helen M. Albee	950	
	Constance G. Alexander	950	
	Alice C. Baldwin	950	
	Almira W. Bates	850	
	Margaret S. Bradbury	850	
	Isabel S. Burton	950	
	Alice D. Chamberlain	900	
	Mary L. Coleman	600	
	Margaret C. Cotter	700	
	*Caroline Drew	950	
	Nellie E. Fawcett	800	
	Elizabeth B. Flanders	800	
	Margaret J. Griffith	800	
	Mary C. Hardy	950	
	Rose Hardwick	950	
	Mabel E. Harris	950	
	Alice I Mandell	850	
	Helen W. Munroe	950	
	Louisa P. Parker	950	
	Lena G. Perrigo	950	
	Ethel V. Sampson	950	
	Jennie S. Spring	950	
	§Annie S Dodge	600	
English High	Ray Greene Huling	3,000	634
	†Edwin L. Sargent	2,000	
	Francis L Bain	1,200	
	Joseph A. Coolidge	1,800	
	Chester M. Grover	1,600	
	Grace L. Deering	1,200	
	Caroline Close	950	
	Bertha L. Cogswell	950	
	Gertrude H. Crook	950	
	Mary L. Cunningham	900	
	Esther S. Dodge	950	
	Elizabeth L. Huling	750	
	Ellen P. Huling	700	
	Katherine H. James	900	
	Jeannie B. Kenrick	950	
	Maud A. Lawson	950	
	Henrietta E. McIntire	950	
	Mary Moulton	950	
	Lillian C. Rogers	950	
	Caroline A. Sawyer	950	

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* On leave of absence in accordance with Section 69 of the Rules of the School Committee.
§ Secretary and Librarian.
† Died February 12, 1907.

Tabular View — Continued.

Names of Schools	Teachers	Salaries	No. of Pupils Dec. 31, 1906
English High, Continued	Florence W. Smith	$950	
	Martha R. Smith	950	
	Delia M Stickney	1,200	
	Annie F. Stratton	950	
	Mabel D. Watson	900	
	*Martha L. Babbitt	600	
Rindge Manual Training	†Charles H Morse	3,000	438
	‡Myra I. Ellis	2,000	
	Helen W. Metcalf	950	
	Arthur E. Brown	1,200	
	James F Conlin	1,100	
	Daniel F. Edwards	1,200	
	Richard H. Gallagher	1,300	
	Frederick G. Getchell	1,250	
	Evan W. Griffiths	1,200	
	Lewis D. Hill	1,600	
	William O. Hubbard	950	
	James E MacWhinnie	1,350	
	Edward R. Markham	1,500	
	Joseph M. Norton	1,150	
	Millard F. Perry	1,100	
	Harry E Rich	1,050	
	Charles H. Richert	900	
	Walter M. Smith	1,200	
	Charles E. Stratton	1,100	
	James G. Telfer	1,500	
	Albert L. Ware	1,500	
	John W. Wood, Jr	1,600	
	*Myrta E. Smith	600	
Agassiz, Grammar	Maria L. Baldwin	1,000	163
Agassiz, Primary	Edith C. Arey	700	125
	Frances W. Dawson	700	
	Lillian G. Goodwin	700	
	Mary A Parsons	700	
	Grace C. Stedman	700	
	Abby S. Taylor	700	
	Agnes L. Tracy	700	
Boardman, Primary	Elizabeth J Karcher	790	351
	Mabel E. Blake	700	
	Lillian M. Cuddy	550	
	Blanche M. Gould	550	
	Malvina M. Joslin	700	
	§Helen A Linehan	600	
	Jennie B. Ross	600	
	Lucy A. Witham	700	
Cushing, Primary	Maude A. Deehan	760	77
	Margaret E Sheehan	700	

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* Secretary and Librarian.

† On leave of absence.

‡ Acting Head Master.

§ Died February 23, 1907.

Tabular View — Continued.

Names of Schools	Teachers	Salaries	No. of Pupils Dec. 31, 1906
Ellis, Grammar	Edward O. Grover	$2,100	503
	Ernest Libby	1,000	
	Nellie A. Hutchins	900	
	Caroline L. Blake	800	
	Adelaide G. Bunker	750	
	Emma A. Faulkner	700	
	Lottie L. Griswold	700	
	Louise H. Griswold	700	
	Ellen J. Hunt	700	
	Flora C. Ingraham	700	
	Ida J. Mahoney	600	
	Sarah W. Mendell	700	
	Mary A. Stephenson	700	
	Josephine C. Wyman	700	
Felton, Primary	C. Florence Smith	770	144
	Marcia R. Bowman	700	
	S. Emma Davis	700	
	Carrie H. Smith	700	
Fletcher, Grammar	George B. Colesworthy	1,600	337
Primary	Nellie A. Coburn	800	324
	Frances E Higgins	750	
	Gertrude M Baker	550	
	Mary I. Chapin	700	
	Ellen A. Cheney	700	
	Mary B. Cole	550	
	Mary A. Doran	700	
	Mary N. Flewelling	550	
	Katherine A. Gaskill	700	
	Elmira F Hall	700	
	Martha B. Perkins	700	
	Marion Prescott	700	
	Susan L. Senter	700	
	Eva A. Taylor	700	
	Gertrude M. Webster	550	
	Emma G Wentworth	650	
Gannett, Primary	Mary A Rady	775	147
	Annie M. Billings	700	
	Margaret F. Sanderson	700	
	Gertrude T. Sullivan	700	
Gore, Primary	Frances E. Pendexter	810	424
	Charlotte A. Callahan	700	
	Katherine L. Dolan	700	
	Mary L Donovan	550	
	Minnie A. Doran	700	
	Kate A Hegarty	700	
	Katherine L. McElroy	700	
	Julia G. McHugh	700	
	Olive I. McNulty	500	
	Mary E. Mulloney	700	
	Anastasia Peters	700	
	Nora E. Reardon	700	

TABULAR VIEW — Continued.

Names of Schools	Teachers	Salaries	No. of Pupils Dec. 31, 1906
Harvard, Grammar	Thomas W. Davis	$2,100	752
	William L. MacGregor	1,200	
	Margaret B. Wellington	900	
	Estelle J. French	750	
	Hortense O Young	750	
	Annie M. Street	750	
	Addie L. Bartlett	700	
	Winifred V. Cobb	700	
	M Blanche Craig	500	
	Frances Fabyan	700	
	Margaret M. Fearns	700	
	Annie B. Lowell	700	
	Gertrude P. McCusker	500	
	Josephine MacDonald	700	
	Waitie M. Nash	700	
	Laura L. Parmenter	700	
	Louise C Patterson	700	
	Elizabeth L. Setchell	700	
Holmes, Grammar	Susan E. Wyeth	765	30
Holmes, Primary	Catherine M. Doran	550	67
	Gertrude A. Kenney	500	
Houghton, Grammar	John W. Freese	2,100	485
Houghton, Primary	Blanche E. Townsend	900	93
	Alice P. Fay	750	
	Grace D. Beckwith	700	
	Katherine F. Callahan	650	
	Eldora J. Clark	700	
	Mary L. Ells	700	
	Katharine M. Greene	550	
	Winifred L. Kinsley	700	
	Emma Penney	700	
	Margaret J. Penney	700	
	Bessie H. Pike	700	
	Anna G Scannell	550	
	Hattie Shepherd	700	
	Mary G. Snow	500	
Kelley, Grammar	*Everett L. Getchell	2,100	397
Kelley, Primary	H. Warren Foss	1,200	350
	Ellen A. Kidder	750	
	Alice B. Carmichael	450	
	Ellen T. Carroll	450	
	Olive L. Cook	600	
	Josephine Day	700	
	Maude M. Dutton	700	
	Lucy M. Fletcher	700	
	Carrie M. Ford	600	
	Jennie C. Hardy	700	
	Emma J. Houlahan	700	
	Catherine A. McLean	700	
	Mary E. Moran	550	
	Ethel I. Murch	700	
	Eva G. Oakes	700	

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* Resigned February 8, 1907.

TABULAR VIEW — Continued.

Names of Schools	Teachers	Salaries	No. of Pupils Dec. 31, 1906
Kelley, Continued	Esther D. Paul	$700	
	Carrie L. Power	700	
	Mary E. Regan	700	
Lassell, Primary	Frances E. Whoriskey	770	169
	Rose V Collier	700	
	Elizabeth B. Gahm	700	
	Mary E. Whoriskey	700	
Lowell, Grammar	Eusebia A. Minard	770	30
Lowell, Primary	Agnes J. McElroy	700	68
	Cora B. Poole	550	
Merrill, Primary	Louise W. Harris	785	270
	Julia M. Davis	700	
	Henriette E de Rochemont	700	
	Daisy E. Haynes	700	
	Marion B Magwire	700	
	Gertrude S. Thayer	600	
	Nellie F. Walker	700	
Morse, Grammar	Mary A. Townsend	2,100	457
Morse, Primary	Mary E. Towle	900	207
	Marcia E. Ridlon	800	
	Ida J. Holmes	750	
	Elizabeth J. Baldwin	700	
	Edith M. Carman	550	
	Christina R. Denyven	700	
	Florence E. Hunter	700	
	Alice E. May	700	
	Helen Montague	700	
	Anna A. O'Connell	700	
	Ella M. Pinkham	700	
	Elizabeth H. Richards	700	
	Lucy M. Soulée	700	
	Bertha J. Waldron	650	
	Mary E. Warren	700	
	Constance E. Yeames	500	
Otis, Primary	Ellen N Leighton	785	282
	Frances Allen	700	
	Anna E Callahan	700	
	Josephine M. Doherty	700	
	Nettie I. Haff	450	
	Luella M. Marsh	700	
	Anna N. Sullivan	700	
	Margaret Sullivan	700	
Parker, Primary	Mary A. Knowles	780	233
	Mattie S Cutting	700	
	Harriet R. Harrington	700	
	Agnes Marchant	700	
	Mary E. Mullins	600	
	Mary E. White	650	
Peabody, Grammar	Frederick S. Cutter	2,100	365
Peabody, Primary	Charlotte A. Ewell	900	167

TABULAR VIEW—Continued.

Names of Schools	Teachers	Salaries	No. of Pupils Dec. 31, 1906
Peabody, Continued	Mabel R. Coombs	$800	
	Anna F. Bellows	750	
	Susan C. Allison	700	
	Katherine L. Carr	700	
	Ruth D. Foxcroft	600	
	Helen E Hazard	700	
	Ida M. Holden	700	
	Martha A. Parker	700	
	Isadore M. Thompson	600	
	Dora Trefethen	700	
	Alice M. Tufts	700	
	Sylvia L. Williams	700	
Putnam, Grammar	Frederick B. Thompson	2,100	615
	James E. White	1,300	
	Maude M. Mixer	900	
	Eliza S. Paddack	800	
	Grace Clark	750	
	Mary A. Carmichael	700	
	Martha Chisholm	600	
	Anna L. P. Collins	700	
	Sarah M. Grieves	700	
	Hattie L. Jewell	700	
	Annie B. Josselyn	700	
	Nellie A. Kerrigan	600	
	Mary A. Macklin	650	
	Margaret F. O'Keefe	700	
	Annie A. Trelegan	700	
	Minnie F. Wilson	700	
Reed, Primary	Margaret T. Burke	770	173
	Elizabeth G. Nelligan	700	
	Julia A. Robinson	700	
	Clara W. Ruggli	700	
Riverside, Primary	Elizabeth A. Tower	770	181
	Amanda M. Alger	700	
	Mary A. Burke	700	
	Hattie A. Thayer	650	
Roberts, Grammar	W. Mortimer MacVicar	2,100	625
Roberts, Primary	Sara A. Bailey	900	51
	Emily R. Pitkin	750	
	Susan M. Adams	700	
	Beatrice Bennett	550	
	Mary Blair	700	
	Elizabeth M. Breslin	700	
	Mary M. Brigham	700	
	Faith Foxcroft	550	
	Mary F. Hill	550	
	Susan L. Keniston	700	
	Evelyn B. Kenney	700	
	Marjorie H. Lenox	500	
	Ada M. Litchfield	700	
	Rose A. Murray	600	
	Ida G Smith	700	

TABULAR VIEW — Continued.

Names of Schools	Teachers	Salaries	No. of Pupils Dec. 31, 1906
Roberts, Continued	Gertrude A. White	$550	
	Caroline M. Williams	700	
Russell, Grammar	Arthur C. Wadsworth	2,100	361
Russell, Primary	Mary S. Bingham	900	105
	Carrie J. Allison	700	
	Fannie P. Browning	700	
	Ella E. Buttrick	700	
	Mary A Connelly	700	
	Louise F. James	550	
	Anna M. Lyons	650	
	Louise I. MacWhinnie	600	
	H. Maud McLean	700	
	Edith M. O'Brien	550	
	Gertrude E. Russell	700	
Shepard, Grammar	Evelyn J. Locke	1,000	297
Shepard, Primary	Mary F. Calnane	700	99
	Florence M. Dudley	700	
	Alice M. Gage	700	
	Mary M. Gilman	700	
	Dora Leadbetter	600	
	Theresa H. Mahoney	700	
	Elizabeth J O'Keefe	550	
	Ellen T. O'Keefe	700	
	Anna E Welch	600	
Sleeper, Grammar	A Estelle Ingraham	1,000	133
Sleeper, Primary	Emily Bissell	700	164
	Butella E. L. Conland	700	
	Evelyn M. Dormer	700	
	Elizabeth O. Haynes	700	
	Melissa M. Lloyd	700	
	Margaret E. Quinn	700	
	Blanche C. Trefethen	700	
Tarbell, Primary	Emma J. Young	770	184
	Florence J. Alley	700	
	Carrie P. Pierce	700	
	Anna H. Welsh	700	
Taylor, Grammar	Ella R. Avery	1,000	113
Taylor, Primary	Mary A. Boland	700	264
	Bridget T. Boyle	700	
	Lillian M. Canty	700	
	Lillian W. Davis	650	
	Emily M. Dowd	500	
	Winifred B. Goodwillie	500	
	Cecelia F. Leahy	700	
	Mary A. Maguire	600	
	Eleanor M. Stevens	650	
Thorndike, Grammar	Ruel H. Fletcher	2,100	525
	Harriet A. Townsend	900	
	Lydia A. Whitcher	800	
	Laura A. Westcott	750	

Tabular View — Continued.

Names of Schools	Teachers	Salaries	No. of Pupils Dec. 31, 1906
Thorndike, Continued.	Flora E. Cooter	$650	
	Jennie W. Cronin	650	
	Grace W. Fletcher	700	
	Faith Garland	500	
	Eulalia L. Herald	700	
	Lillian H. Kenney	700	
	Ethel M. McLeod	550	
	Margaret M. Mahoney	500	
	Ethel M Plympton	700	
	Mabel A Short	700	
Webster, Grammar	John D. Billings	2,100	731
	H. Herbert Richardson	1,200	
	Alice C. Phinney	900	
	Martha N Hanson	800	
	Ada A. Billings	750	
	Mabel T Ashley	700	
	Charlotte M Chase	700	
	Fanny F. Curtis	700	
	Susan I. Downs	700	
	Gertrude B Duffy	700	
	Josephine Hills	700	
	Gertrude I. Johnson	700	
	Carolyn E. Mann	650	
	Nora P. Nason	650	
	Minnie V. Reid	700	
	Harriette E Shepard	700	
	Jennie L. Upham	650	
	Katherine L. Wight	700	
Wellington, Grammar	Herbert H. Bates	2,800	453
Wellington, Primary	Sarah J. Gunnison	1,000	267
	Margaret Kidd	1,000	
	Mary I. Vinton	1,000	
	Carrie H. Stevens	900	
	Grace F Chamberlain	700	
	*Ellen A. Sullivan	500	
	Training Class	8,092	
Willard, Primary	Katharine E. Hayes	810	524
	Agalena Aldrich	650	
	Elizabeth M. Crowley	700	
	Mary L. Dolan	700	
	Ella F. Gulliver	700	
	Julia S. Gushee	700	
	Mary E. G Harrington	700	
	Katherine M. Lowell	700	
	Mary A. O'Hara	700	
	Annie M. Sands	500	
	Eliza D. Watson	700	
	Grace R. Woodward	700	
Wyman, Primary	Addie M. Bettinson	780	198
	Maria J. Bacon	700	
	Mary H. Brooks	700	

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* Clerk and Librarian.

TABULAR VIEW — Concluded.

Names of Schools		Teachers	Salaries	No. of Pupils Dec. 31, 1906
Wyman, Continued		Georgianna P. Dutcher	$700	
		Genevieve S. Flint	700	
Kindergartens	Boardman	Florence Rice	700	50
		Agnes M. Quinn	450	
	Corlett	Annie M. Dodd	700	42
		Frances W. Roberts	500	
	Gannett	Carrie E Shepherd	700	43
		Marion L Akerman	600	
	Gore	Selma E. Berthold	700	52
		Freedrica Mark	500	
	Houghton	Edith L. Lesley	700	62
		Olive M. Lesley	600	
	Lowell	*Melinda Gates	700	33
		Annie L Crane	650	
	Merrill	Caroline A. Leighton	700	64
		Ethel M. Halliday	450	
	Parker	Leonice S. Morse	700	42
		Ida E Ward	500	
	Peabody	Julia L Frame	700	55
		Irene L. Phelps	550	
	Shaw	Harriette E. Ryan	700	61
		Gertrude M. Simpson	500	
	Sleeper	Mabel S. Adams	700	49
		Caroline E. Simpson	600	
	Taylor	Mary F. Leland	700	43
		Anna D Francis	500	
	Wellington	Gertrude M. Gove	700	54
		Carita B. Dixon	450	
	Willard, A. M.	Alice V. McIntire	700	52
		Lucy E. Whipple	550	
	Willard, P. M.	Jennie S. Clough	700	58
		Eva C Katon	600	
	Wyman	Clara A. Hall	700	40
		Mary E. Valpey	450	
Teachers of Sewing		Agnes Gordon	700	
		Alice H Nay	650	
		Nancy T. Dawe	650	
Permanent Substitute		Mary A. Driscoll	500	
Unassigned Teachers.				
High School		Emma A. Scudder	450	
Primary Schools		Sally N. Chamberlain	350	
		M. Elizabeth Evans	350	
		Mary E. Sawyer	350	

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* On leave of absence in accordance with Section 69 of the Rules of the School Committee.

DIRECTOR OF MUSIC — Frederick E. Chapman	$2,000
ASSISTANT IN MUSIC — Annie R. Hooper	800
DIRECTOR OF DRAWING — Peter Roos	2,000
ASSISTANT IN DRAWING — Lucia N. Jennison	800
DIRECTOR OF NATURE STUDY — Sarah E. Brassill	1,000

DIRECTOR OF PHYSICAL TRAINING — Sara E. Boudren	950
INSTRUCTOR IN PHYSICAL TRAINING IN THE HIGH SCHOOLS — Bessie W. Howard	900
SUPERINTENDENT — William C. Bates	3,500
SUPERVISOR OF PRIMARY SCHOOLS — Mary A. Lewis	1,300
AGENT — Sanford B. Hubbard	2,350
CLERKS — Althea B. Frost	780
Sadie E. Kimball	650
PORTER — John Lemon	700
TRUANT OFFICERS — Lucian S. Cabot	1,000
John Carmichael	1,000
William H. Porter	1,000
Thomas F. Riley	1,000

SUMMARY.

Number of pupils in the Latin School	523
Number of pupils in the English High School	634
Number of pupils in the Rindge Manual Training School	438
Number of pupils in the Grammar Schools	7,372
Number of pupils in the Primary Schools	5,708
Number of pupils in the Kindergartens	800
Total	15,475
Number of pupils belonging to the public schools December 31, 1905	15,364
Increase of pupils, 1906	111
Increase of pupils, 1905	289
Increase of pupils, 1904	140
Increase of pupils, 1903	188
Increase of pupils, 1902	253
Increase of pupils, 1901	62
Increase of pupils, 1900	332
Increase of pupils, 1899	314
Increase of pupils, 1898	476
Increase of pupils, 1897	422
Increase of pupils, 1896	714
Average annual increase of pupils from 1896 to 1906 (inclusive)	300

COST OF INSTRUCTION.

Schools and Officers	Cost of Instruction	Average Number of Pupils	Cost per Pupil
Latin School	$25,979 34	530	$49 02
English High School	27,214 24	570	47 74
Rindge Manual Training School	29,705 66	440	67 51
Training School (Teachers)	15,992 65	733	21 82
Grammar Schools (except Training School)	138,183 83	6,436	21 47
Primary Schools (except Training School)	93,403 25	5,456	17 12
Kindergartens	19,960 02	742	26 90
Directors of Drawing	2,811 33	....	....
Directors of Music	2,811 71	....	....
Director of Nature Study	1,000 00	....	....
Directors of Physical Training	1,778 58	...	....
Teachers of Sewing	1,915 25	....	....
Substitute Teachers	1,846 50	....	....
Superintendent	3,500 00	....	....
Supervisor of Primary Schools	1,300 00	....	....
Agent	2,175 00	....	....
Clerks	1,395 00	....	....
Porter	700 00	....	....
Truant Officers	4,014 00	....	....
Unassigned Teachers	1,500 00	....	....
Tuition paid to Belmont for Cambridge pupils	156 66	....	....
Total	$377,343 02	14,907	$25 31

Cost of instruction in Evening Drawing Schools	*$1,647 00
Cost of instruction in Evening High School	1,830 00
Cost of instruction in Evening Manual Training School	788 00
Cost of instruction in Evening Elementary Schools	7,440 50
Total	$11,705 50

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* The Director of Drawing has charge of these schools. No part of his salary has been included in this amount.

REMARKS ON THE STATISTICS.

The number of pupils registered in the day schools during the year ending June, 1906, was 16,740; the average number belonging was 14,907, and the average daily attendance was 13,855. In the per cent of attendance there has been an increase of one-tenth of one per cent. The number belonging to the schools in December, 1905, was 15,364; in December, 1906, 15,475, an increase of 111.

The cost of instruction, which includes the salaries of teachers, superintendent, supervisor, agent, clerks, and truant officers, was $377,343.02. The total cost of the day schools, which, in accordance with the statutory definition of the support of schools, includes the cost of instruction, text-books and supplies, incidental expenses, care of truants, care of schoolhouses, and the transportation of pupils, was $464,529.43.

The registration at the evening schools during the school year 1905–1906 was 2,532, and the average attendance was 1,104. The total cost of these schools, which includes the salaries of teachers, the cost of text-books and supplies, fuel, light, and the salaries of janitors, was $14,829.93.

While Cambridge expends a large amount for her schools, there are *two hundred fifteen* towns and cities in the State which make a larger expenditure in proportion to their wealth. In a list of the thirty-three cities, arranged numerically according to the percentage of their taxable property, appropriated to the support of public schools for the year 1905–1906, Cambridge is the *twenty-second.* In a list of the towns and cities of the State, arranged numerically according to the sum appropriated for each child in the average membership of the public schools, Cambridge is the *thirty-seventh.*

These statistics relating to the schools of the State are taken from the seventieth annual report of the secretary of the State Board of Education.

TEXT-BOOKS AND SUPPLIES.

At a meeting of the Board in December the committee on supplies submitted a detailed report of the expenditures of that committee for the year. The report is as follows: —

In accordance with Section 30 of the Rules of the School Board, the committee on supplies submits its twenty-second annual report, it being for the year ending July 1, 1906: —

Stock in storeroom July 1, 1905	$7,209 29	
Expended from the appropriation	22,677 57	
Value of exchanges	638 44	
		$30,525 30
Distributed to schools, officers, etc.	$23,119 65	
Sold for cash	263 07	
		23,382 72
Stock on hand July 1, 1906		$7,142 58

The purchases and expenditures appear in detail as follows: —

For text-books	$9,754 83	
Desk and reference books	271 98	
Copy books	731 04	
Apparatus and furnishings	1,712 49	
Diplomas, $238.42; printing, $184.00	422 42	
Repairing books, $426.27; tuning pianos, $40.75	467 02	
Expressage and labor	459 81	
Miscellaneous supplies	9,496 42	
		$23,316 01
Less the value of exchanges		638 44
		$22,677 57

The net cost of text-books and supplies is as follows: —

Stock on hand July 1, 1905	$7,209 29	
Bills paid by City Treasurer	22,677 57	
		$29,886 86
Stock on hand July 1, 1906	$7,142 58	
Cash paid to City Treasurer, sales and damages	737 83	
		7,880 41
We have, net cost of all schools and officers		$22,006 45

or an average cost per pupil of $1.476. The average cost per pupil for twenty-two years is $1.291.

The annual cost per pupil for text-books and supplies since the introduction of free text-books is as follows: —

Year	Cost per Pupil	Year	Cost per Pupil	Year	Cost per Pupil
1885	$1.880	1893	$1.109	1901	$1.203
1886	1.170	1894	1.243	1902	1.400
1887	1.051	1895	1.152	1903	1.306
1888	1.068	1896	1 436	1904	1.468
1889	0.960	1897	1.094	1905	1.434
1890	1.334	1898	1 268	1906	1.476
1891	1.248	1899	1.225		
1892	1.149	1900	1.740		

The cost of each grade of schools for text-books and supplies is as follows: —

	Net Expense	Cost per Pupil				
		1906	1905	1904	1903	1902
Latin School	$1,608 82	$3.036	$3.182	$3.177	$3.463	$3.990
English High School	2,522 12	4 425	3.356	4.153	3.564	3.641
Manual Training School	4,258 70	9.679	10 014	9 836	16.791	11.564
Training School, Teachers	825 23	1.126	.964	1.042	.664	.707
Grammar Schools	5,017 32	1.343	1.258	1 397	1.070	1.152
Mixed Schools	4,581 98	.981	1.153	1.342	.907	1.140
Primary Schools	1,767 65	.508	.433	.441	.379	528
Kindergartens	366 40	.494	.637	.422	.428	.630
Evening Schools	396 95	....	....	....	....	....
Vacation Schools	31 31	....	....	....	....	....
Special Teachers	66 73	....	....	....	....	....
Officers of Board	80 76	....	....	....	....	....
Miscellaneous expenses (not chargeable to any grade)	503 97	....	....	....	....	....
	$22,027 94					
Less profit on sales	21 49	....	....	....	....	....
	$22,006 45	$1.476	$1.434	$1.468	$1.306	$1.400

A comparison of the foregoing tables with those submitted by your committee last year shows an increase of $1,056.64 or $0.042 per pupil in the cost of books and materials purchased during the year ending last June. This increase is largely in the purchase of books to complete the introduction of geographies authorized three years ago, and to furnish new books authorized for the high schools.

It is inevitable that the cost of the schools per pupil, as well as in the aggregate, will increase as changes in the courses of study and improvements in instruction require a greater variety of materials and illustrative apparatus. The expenditures for the year 1906–1907 will be much larger than for the past year.

The unusual expenditures for the next year will be for new books in the three high schools; for typewriting machines, electrical apparatus and additional tools in the Rindge Manual Training School; for the completion of the introduction of music readers in the grammar schools, and for two sloyd equipments which have been desired for a long time. Bills are brought forward from the current financial year amounting to $4,750.55.

The appropriation for equipment for the Rindge Manual Training School has been expended. There is still need of cabinets and drawers for the proper care and protection of the tools, and these should be supplied at once.

The committee cannot refrain from calling the attention of the Board to the faithful and valuable services of the agent. His care in the purchase and distribution of supplies undoubtedly results in a large saving to the city.

CHANGES IN TEXT-BOOKS.

The following is the Rule of the School Board relating to the changes in text-books: —

"All propositions for changes in text-books shall be made by the superintendent. Whenever he recommends a change he shall appoint two persons, one of whom shall be a teacher in the service of the city, who shall make written reports on the merits of the books recommended. These reports and a like report by the superintendent shall be kept on file in the office of the superintendent, open to inspection by members of the Board only. All changes of text-books recommended to the Board shall be referred to the committee on text-books."

Under this rule the following books have been recommended by the superintendent and the committee on text-books, and adopted by the Board: —

For the Latin School. Lockwood and Emerson's Composition and Rhetoric in place of Lewis's First Book in Writing English; Benner's Selections from Homer's Iliad in place of Johnson's Homer's Iliad; Newell's Descriptive Chemistry; and Mellick's Latin Composition in place of Daniell's Exercises in Latin Composition.

For the English High School. Stebbins's Progressive Course in English in place of Lewis's First Book in Writing English; Hart's Essentials in American History in place of Johnston's History; and Williams and Rogers' Modern Illustrative Bookkeeping, Introductory Course and Advanced Course, in place of Schwartz's Office Routine and Bookkeeping.

For the Rindge Manual Training School. Scott and Denney's Elementary English Composition in place of Lewis's First Book in Writing English; Elements of English Composition by Gardiner, Kittredge and Arnold in place of Lockwood's Lessons in English; and Williams and Rogers' Modern Illustrative Bookkeeping, Introductory Course and Advanced Course.

For the Grammar Schools. The New Educational Music Readers and the Abridged Academy Song-Book in place of the New National Music Readers.

For the Primary Schools. The New Educational Music Chart. For use as desk and reference books: The Child's First Studies in Music, Songs of Nature, and Songs of the Child World, Nos. I. and II. The First National Music Reader has been dropped from the list of authorized text-books.

SCHOOL ACCOMMODATIONS.

At a meeting of the Board in December, the committee on schoolhouses submitted a detailed report of the work of the committee for the year. The following is taken from that report:—

In accordance with Section 30 of the Rules of the School Board, the committee on schoolhouses respectfully submits the following as the annual report of the committee:—

In September, 1905, the attention of the city council was called a second time to the condition of the grounds around the Ellis schoolhouse, and a request was made that they be filled in and drained. This request was renewed June 18. During the summer a part of these improvements was made and the remainder is nearly completed.

On representations of members of this committee, the basement of the Russell schoolhouse was drained and the sanitary arrangements changed and improved.

At the meeting of the Board in December a request was made that land adjacent to the Taylor schoolhouse be purchased to protect the school against having the light cut off from some of the rooms by the erection of high buildings near the school, and at the last meeting of the city council this purchase was warranted, the price to be $2,500.

At the same meeting a request was made that the old Gannett building near the Wellington School be replaced by an addition to the Wellington schoolhouse. An appropriation of $48,000 has been made for this purpose. The walls are up and it is expected that the addition will be ready to be occupied by next September.

In accordance with requests of the committee, concrete sidewalks have been laid in the vicinity of the Washington building, improvements have been made at the Rindge Manual Training School, and the entrances to the Merrill schoolhouse have been fenced in.

The request that an addition to the Putnam schoolhouse be made was returned to the Board for more explicit information; and the request for an addition to the English High School building was refused by the city council.

The total expenditures for the care and repair of schoolhouses, except those made under special appropriation for new work on school buildings, are as follows :—

Janitors' service	$40,497 75
Janitors' supplies	2,398 00
Fuel	15,339 60
Gas and electric lighting	2,545 04
New furniture	1,894 47
Repairs to buildings	20,338 83
Repairs to furniture	2,101 31
Repairs to heating and plumbing	3.206 36
Sundry labor	2,176 34
Total	$90,497 70

The buildings where a sum greater than five hundred dollars has been expended for improvements and repairs are : —

Latin School	$860 86	Parker School	$949 06
English High School	955 00	Peabody School	1,365 05
Rindge Manual Training	1,874 28	Putnam School	854 63
Agassiz School	1,099 80	Riverside School	685 69
Boardman School	970 73	Roberts School	670 21
Ellis School	514 14	Russell School	2,093 48
Fletcher School	517 38	Shepard School	1,782 85
Gannett School	584 99	Sleeper School	689 99
Gore School	507 77	Taylor School	499 98
Kelley School	792 19	Webster School	1,129 13
Lassell School	774 93	Wellington School	549 20
Merrill School	894 50	Willard School	663 52
Morse School	620 04	Wyman School	543 29

The Thorndike schoolhouse should be replaced by a modern building of sixteen rooms and a hall during the coming year; and in the near future a grammar schoolhouse should be built in the district south of Massachusetts Avenue and east of Pearl Street to relieve the Morse, Webster, Boardman, and Roberts schools.

JANITORS.

Section 31 of the city charter provides that "The mayor shall appoint the janitors of the schoolhouses, subject to confirmation by the school committee, and may remove them at pleasure for cause assigned; and such janitors shall perform their duties under the direction of the school committee."

Under the direction of the committee on schoolhouses the agent supervises and directs the work of the janitors, and reports to the committee such matters as need consideration. The principals of the schools report each month whether or not the work is done in a satisfactory manner.

The following is from the report of the committee on schoolhouses :—

The salaries of several of the janitors have been increased by order of His Honor the Mayor during the year. Generally the work of the janitors has been done in a satisfactory manner and spirit under the efficient supervision of Mr. Roach, the head janitor.

LATIN SCHOOL.

The following table shows the membership of the Latin School and the cost of instruction from year to year for five years: —

December	Average Number of Pupils	Number of Teachers in December	Cost of Instruction	Cost per Pupil	Number of Graduates
1902	465	24	$25,236 00	$54 27	62
1903	474	23	25,472 00	53 74	49
1904	487	23	26,275 50	53 95	50
1905	531	24	26,711 51	50 30	70
1906	530	25	25,979 34	49 02	59

The cost of the Latin School to the city is less than the above sums by the amount received for the tuition of non-resident pupils. The amount received this year was $888.

The course of study is arranged for five years, or for four years, and is almost wholly decided by the requirements for admission to Harvard University. Nine and two-tenths per cent of all the graduates have completed the work in four years. The following is the rule relating to the admission of pupils to the high schools: —

"Pupils who have received the diploma of a grammar school may, on recommendation of the master, be admitted to the Latin School, the English High School or the Rindge Manual Training School without an examination. For other persons who desire admission, an examination shall be held at the beginning of the autumn term under the direction of the superintendent, but pupils who are qualified to join existing classes may be admitted at any time on application to the principal. No pupil from any grade in a grammar school shall be examined who does not present a satisfactory certificate of having pursued the required studies during the summer vacation."

From three-fourths to four-fifths of the graduates are usually recommended for admission without an examination. About one-half of the remaining part study during the summer vacation, as required by the rule, and take an examination in September. Pupils who pass a fairly good examination are permitted to attend the Latin School, the English High School or the Rindge Manual Training School until the Christmas vacation, at which time their connection with the school as regular pupils may end unless their work has been satisfactory.

Diplomas of graduation signed by the mayor and the head master of the school are awarded to pupils of the high schools who have successfully completed the course of study or its equivalent, and have sustained a good character.

For non-resident pupils the tuition is $80 a year, payable one-half at the beginning, and the other half at the middle of the school year. The sessions of the school begin at 8.30 A. M., and end at 1.30 P. M.

ENGLISH HIGH SCHOOL.

The following table shows the membership of the English High School and the cost of instruction for five years: —

Year	Average Number of Pupils	Number of Teachers in December	Cost of Instruction	Cost per Pupil	Number of Graduates
1902	498	24	$26,747 51	$53 71	86
1903	493	24	27,109 83	54 99	73
1904	556	24	27,070 83	48 69	76
1905	550	24	26,359 41	47 93	75
1906	570	25	27,214 24	47 74	74

This school has for its object the preparation of its pupils for entrance upon active life. It has three distinct courses of study. The plan of the courses is that all pupils in the school shall pursue substantially the same subjects for their first year, but thereafter shall have increasingly divergent studies, open to choice within reasonable limitations and determined largely by aptitude and expectation of subsequent career.

The general course provides a broad, liberal training for boys and girls who expect to end their academic education with the high school, and includes all subjects which are required for preparation to enter the State normal schools. All who propose to become teachers in grammar or primary schools should take this course.

The commercial course is designed to combine with studies which cultivate the mind in a broad way, certain others which give special power needed in business life. Bookkeeping and business correspondence are provided in the first year, advanced bookkeeping in the second year, commercial law in the third year, shorthand in the third and fourth years and typewriting in the second, third and fourth years.

The domestic science course is intended for those girls who, while gaining culture of mind, wish also to train the hand in arts that are needed constantly in the home. In the second year they work in wood with tools suitable to their strength. In the third year they learn cooking by theory and practice. In the fourth year they continue their cooking, and deal with the preserving of fruits, with sanitation, and with other problems of household economy.

The requirements for admission to this school and the rule relating to the granting of diplomas are the same as for the Latin School.

For non-resident pupils the tuition is $80 a year, payable one-half at the beginning, and the other half at the middle of the school year. The sessions of the school begin at 8.30 A. M., and end at 1.30 P. M.

RINDGE MANUAL TRAINING SCHOOL.

The following table shows the membership of the Rindge Manual Training School and the cost of instruction from year to year for the past five years:—

Year	Average Number of Pupils	Number of Teachers in December	Cost of Instruction	Cost per Pupil	Number of Graduates
1902	242	15	$19,108 67	$78 96	23
1903	262	16	21,125 50	80 63	38
1904	315	19	23,167 16	73 55	30
1905	396	22	26,487 00	66 89	32
1906	440	22	29,705 66	67 51	45

The cost of the Rindge Manual Training School to the city is less than the above sums by the amounts received from Harvard University for the instruction of a class of students during the summer vacation, and for the tuition of non-resident pupils. The amount received this year from both sources was $4,220.

The course of instruction covers four years. Proper emphasis is given to the academic features of the course, and the work is made interesting and effective by bringing it into intimate relation with instruction in the mechanic arts.

The manual dexterity and the thorough knowledge of tools, machinery and mechanical processes acquired in the shops, at an age when time can be most easily spared for such training, is of inestimable value in any scientific pursuit.

The sessions are five and one-half hours a day, instead of five as in the other high schools. About one-third of the time is given to the work of manual training, and the remainder to the subjects usually taught in high schools, with the exception of Latin and Greek.

The requirements for admission to this school and the rule relating to the granting of diplomas are the same as for the Latin School.

For non-resident pupils the tuition is $150 a year, payable one-half at the beginning, and the other half at the middle of the school year. The sessions of the school begin at 8.30 A. M. and end at 2. P. M.

The following is from the report of the committee on high schools:—

The number of pupils in the high schools continues to increase from year to year. The total number registered in the Latin School from the beginning of the fall term to the time of writing this report has been five hundred forty-five. The opening of the school in September marked a period of half a century in which Mr. William F. Bradbury has acted either as teacher or master in our high schools. It is in a great measure due to his ability and efficiency that the Cambridge Latin School has come to be one of the leading classical preparatory schools in this country.

The resignation of Mr. Theodore P. Adams, who has been an efficient teacher in the school for the past thirty-six years, has been accepted. At the present time there is one more teacher than last year, and by this means provision is made for more individual work with backward pupils.

At the meeting of the school committee in May it was voted that, with the consent of the trustees of the Charity of Edward Hopkins, a prize be awarded to a girl in the graduating class of the Cambridge Latin School under the same conditions and at the same time that a prize is awarded to a boy in the graduating class. Under this agreement the prizes were awarded to Ruth Noella Carter and Frederic Hilborn Hall. Eight boys have availed themselves of the free tuition which the Hopkins Fund provides.

The total registration in the English High School from the opening of the school to the present time has been six hundred sixty-four, the largest number ever registered in this school in any one year. This is due mainly to two reasons, a large senior class and a very large entering class. While the senior class for the next two years will not be as large as the present one, the entering classes will no doubt continue to become larger from year to year as the population of the city increases and as the commercial course gains in popularity. The total number of girls on the first of December was five hundred eighty-three and the total number of boys was fifty-one. The number of girls registered in the entering class was two hundred thirty-three and the number of boys was seventeen. This is an increase of seven boys over the number in the entering class last year, but in spite of this fact the total number of boys in the school is smaller than ever before.

The added work caused by the changes in the commercial course has made it necessary to employ one more teacher. This in turn has called for a larger number of rooms for recitation purposes, and has made it necessary to transfer the classes in harmony and counterpoint to the Latin School.

The popularity of the commercial course is manifested by the large number of pupils in the entering class taking this course. Of the two hundred fifty pupils in this class, one hundred eighty-eight, or seventy-five per cent, elected the commercial course. This is a larger proportion than has been customary, although the commercial course calls for more recitations per week than either the general course or the domestic science course. The introduction of still more work in commercial subjects next year, as laid out in the course of study, with the added increase in the number of pupils entering this school, will require more rooms, particularly for classes in typewriting. Additional equipment for bookkeeping classes will be required and another teacher of commercial subjects will probably be needed.

Three years ago instruction in dressmaking was made a part of the course in domestic science, but on account of lack of suitable accommodations it has been impossible to give instruction in this subject. About thirty pupils have expressed a desire to take this course the present year.

It will be remembered that within the past year efforts were made by this Board to obtain action by the city government for an enlargement of the English High School building in order to provide adequate accommodations for the increase in numbers, and for the equipment for commercial work. The experience of the year has emphasized the need of an addition to this building.

The head master reports that a change has been made this autumn in the practical operation of the plan by which the educational department of Harvard and Radcliffe colleges coöperate with the English High School in the use of student helpers in the school. For several years a limited number of students have come into the school about the first of March to take for an hour each day classes of deficient pupils in French, Latin, or algebra, thus relieving the regular classes of the most backward pupils, and preparing them to do more efficient work in the year following. The present year these student helpers have come into the school in December. Each of them is assigned to a particular teacher, works under her direction, and renders to her such assistance as is needed. For a month or more the student helper will be present at the recitations as an observer. Subsequently the helper will, in the presence of the regular teacher and under her direction, conduct a part of the recitations. The student helper will assist the teacher in connection with the regular work by rendering assistance in laboratory work and in such other ways as may be of use to the school. The objects to be attained by this arrangement are the training of the student helpers through observation and practice on the one hand, and on the other the relief of the teachers from certain details without loss to the pupils. A further benefit is returned in the permission which both Harvard and Radcliffe give for taking courses in the colleges without pay, by as many teachers as there are student helpers received into the school. At present six such student helpers are at work in the school, two in English, two in algebra, one in German, and one in chemistry. Two others are sought for, but have not yet been found available, one in physics, and one in bookkeeping.

The instructor in physical training in the Latin and English High schools reports that the number of girls taking the work has increased, the number registered this year being five hundred twenty, fifty-three more than last year. All of the girls taking the work are examined and measured at the opening of the schools in September and at the close in June, and throughout the course in the school a record is kept of the progress made by each pupil.

The experience of another year emphasizes the need of a proper equipment for the gymnasium. The work of the instructor is hampered and the benefit to the pupils is limited because we lack such apparatus as is usually provided in a school gymnasium.

The total number of boys registered in the Rindge Manual Training School from the opening of the school to the present time has been four hundred sixty-seven. It is too early to make any statement as to the popularity of the commercial course which was introduced at the opening of the school in September, as the studies in all three courses for the entering class are the same. During the past year the foundry has been equipped and the Rindge Manual Training School has begun to feel the effects of its improved facilities for work. With a very few improvements, Cambridge will have an excellent equipment at this school. This committee would call the attention of the Board to the necessity of having an appropriation for the purchase of typewriters to be used in the commercial course at the opening of the school next September. The head master advises the equipment of a third laboratory in the science building to be used exclusively for classes in electricity.

REPORT OF THE SPECIAL COMMITTEE ON ATHLETICS.

At a meeting of the Board in October, the following recommendation was adopted :—

"The committee on high schools recommends that Mr. Joseph E. Sharkey, a member of the committee on high schools, be appointed the authorized representative of the school committee for the supervision and control of the athletic organizations composed of pupils of the public schools, as provided by Chapter 251, Acts of 1906."

The report of Mr. Sharkey is as follows :—

Your committee has spent much time in considering the question of athletics in the Cambridge schools, and has dwelt upon it from many viewpoints. First of all, it was recognized that civic control of athletics might easily degenerate into civic destruction and operate injudiciously rather than wisely. In other words, the question must be dealt with sympathetically and at the same time, gradually, for the essence of true athletic sport is found in the enthusiasm and patriotic determination for victory, which spurs the boy to higher physical fitness. Limited always by harsh and imprudent regulations, these ideal sentiments easily might not only be smothered, but eradicated altogether.

The committee called a meeting of the boys in the three high schools who were active in the athletic interests, together with the head masters of the high schools and the superintendent of schools. The entire athletic question was discussed with freedom, intelligence and candor, and as a result both the pupils and the representatives of the school board reached a truer conception of the athletic question. This and other meetings showed very clearly that the athletics need to be systematized in the high schools and need to have some responsible directing authority, who could be with the boys in their many games, arrange their athletics in a systematic manner, serve as an agent of the school committee who would fulfil its ideas with tact and understanding, and who would at the same time receive the respect of the pupils. More than this, the athletic director or physical supervisor could act as gymnastic director in the high schools and encourage a greater attention to the physical development among all male pupils. This in itself is a thing to be desired. Your committee has recommended to the committee on high schools the appointment of a physical director for the boys.

New rules have been prepared to govern athletics in the high schools, and these meet with the approval of both the head masters and the pupils. They have been arranged with especial reference to preserving the athletic spirit and an earnest coöperation between authority and the pupils.

Your committee believes that the great need is the construction of a gymnasium building near the high schools, open under proper restrictions to the school children of the city. Such a building could be erected near the Rindge Manual Training School and partly on land which the city now owns. This building might be so erected as to contain also a power plant to generate heating and lighting power for the public buildings in its vicinity. The boilers in some of the buildings are becoming useless and the problem of heating the high schools must soon be met. The construction of a building for a gymnasium and a power house has the approval of the superintendent of public buildings, and your committee earnestly recommends its early consideration by this Board. It might be found advisable to construct two separate buildings. If a gymnasium cannot be built, the gymnasium in the basement of the Latin School should certainly be supplied with apparatus.

The civic control of athletics begins apparently under auspicious and favorable circumstances and there is no reason to suppose that with constant care and mutual coöperation it cannot work to the better interests of athletics and to the higher development of school life.

MANUAL TRAINING IN OTHER SCHOOLS.

The statutes require that every town and city of twenty thousand or more inhabitants shall maintain, as part of both its elementary and its high school system, the teaching of manual training. The Rindge Manual Training School gives the required instruction to boys of the high school grade, and provision is made in the English High School for girls of this grade, sloyd being taught in the second year, and cooking in the third. Sewing in the grammar schools may be considered as meeting the requirements for the girls in the grammar school grades.

The requirement that manual training shall be taught in elementary schools as well as in high schools has not been fully complied with. Provision has been made for the teaching of this subject in only two of the grammar schools during the past year, the Putnam and the Roberts, these being the only schools which have manual training equipment.

In the Putnam School instruction in manual training has been provided for five classes of boys from two eighth and two ninth grades, and in the Roberts School for three classes from one eighth and two seventh grades.

The course, which is followed yearly with only such changes as seem necessary, is based largely upon the Swedish system of sloyd as adapted to American schools and it provides a carefully graded series of woodworking exercises of a more or less elementary nature in the seventh grade and the first half of the eighth, from which period the work increases in difficulty in direct proportion to the fitness and preparation of each individual pupil. The manual training work accomplished by the ninth grade usually includes some simple forms of book-shelves, tabourets, tables, etc.

The superintendent hopes that in the near future provision will be made for the teaching of manual training in all the grammar schools, as required by statute. The work of manual training in all the schools is under the direction of the head master of the Rindge Manual Training School.

WELLINGTON TRAINING SCHOOL.

This school was opened in September, 1884, and differs from the other schools in this respect,— all the grades, except the eight and ninth, are taught by young teachers. Their work, however, is done under the immediate supervision of a master and three assistants, who are held responsible for the instruction and management of the school. For several years the seventh grade has been taught by a graduate of the training class.

The object of conducting a school on this plan is to give Cambridge young women who desire to teach, and who have made special preparation for the work, an opportunity to gain experience under conditions favorable to their own success, and without prejudice to the interest of their pupils.

Graduates of the English High School or of the Latin School, who have also graduated from one of our State normal schools, are preferred candidates for the position of teacher in this school. Other persons of equal preparation may be appointed.

The required term of service is one year. Teachers are appointed on probation, and may be excused or dismissed at any time by the superintendent, with the approval of the committee on the training school.

No teacher is considered a graduate of the school until by vote of the training school committee she is admitted to the graduate class, which is known as class B.

The money compensation for the first three months, and until satisfactory service is rendered, is at the rate of two hundred dollars a year. For the remaining part of the year it is at the rate of two hundred fifty dollars.

Graduates temporarily employed as teachers in this school are paid at the rate of three hundred dollars a year. Graduates selected to act as substitutes in any school are paid at the rate of four hundred fifty dollars.

That the direct influence of the school may be continued, it is the duty of the master, or of one of the supervising teachers, occasionally to visit the schools of the graduates who are teaching in Cambridge. The school contains all the grades of the grammar and primary schools and a kindergarten.

By the Rules of the School Board the superintendent is authorized to employ as many substitutes and temporary teachers as may be necessary to take the places of absent teachers. These teachers are usually assigned to the Wellington School, when not otherwise employed, that there may be at this school a sufficient number of teachers to make it practicable for the members of the training class to visit other schools.

The Wellington School is working under great disadvantages this year while the building is in process of reconstruction.

The addition will contain six schoolrooms, and the alterations will provide much better facilities for administration, supervision and conference.

The new hall will be adequate for the use of the school, for lectures, for meetings of parents, and for other educational activities.

GRAMMAR SCHOOLS.

The number of pupils in these schools on the first of December was seven thousand three hundred seventy-two, and the number of teachers, including the masters and special teachers, was one hundred ninety-nine.

The cost of instruction for each pupil for the year has been $21.47. This does not include the cost of supervision or the cost of the Wellington School.

For non-resident pupils the tuition is $30 a year, payable one-half at the beginning, and the other half at the middle of the school year.

The course of study is for six years, but the schools are so classified as to give the pupils an opportunity to complete the course in four years, or in five years. The average age of those who entered the grammar schools last September was nine years seven months. The number of graduates in June was seven hundred thirteen, their average age being fourteen years nine months. Of these, 6 per cent completed the course in four years, 27 per cent in five years, 51 per cent in six years and 16 per cent in seven years or more.

Pupils are promoted by classes from the primary schools at the beginning of the autumn term; but individual pupils may be promoted at other times, if it is deemed expedient by the supervisor of primary schools and the superintendent.

Promotions from grade to grade in the grammar schools, and from the grammar to the high schools, are made by the teachers under the direction of the masters and the superintendent. Pupils qualified to join existing classes may be admitted at any time on application to the master of the school. No regular preannounced examinations are held in these schools, but the results of such written exercises and reviews as the teachers and masters may require from time to time may be used as a part of the basis of promotion.

The thoroughness with which the work is done in the grammar schools is shown in part by the ability of the pupils to do the work in the high schools. The pupils are admitted to the high schools on trial; and, by the rule of the high school committee, any pupil who fails to maintain a suitable rank is reported to that committee, and no pupil thus reported can continue in either high school, except by special vote. For the past five years, however, provision has been made by which pupils in the entering class, whose record at the time of the Christmas recess was such that promotion at the end of the year would be impossible, have been allowed to remain in the English High School and receive such instruction as would best fit them to enter again upon the regular work of the school at its reorganization in September. A similar provision was made at the Latin School last year.

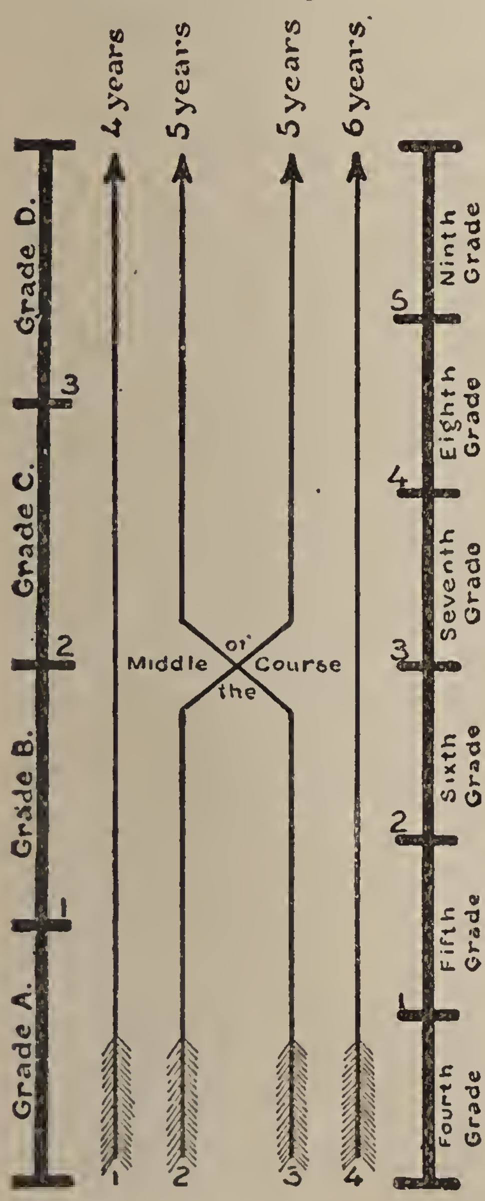
In the grammar schools, special teachers are appointed to help such pupils as seem able to do the work in less than six years, and to aid those who without personal instruction would require more than six years. This action of the committee removes the most serious objection to the graded system of schools.

The course of study is divided in two ways: (1) into six sections; (2) into four sections; each section covering a year's work. Pupils taking the course in six years are classified in six grades, called the fourth, fifth, sixth, seventh, eighth, and ninth grades. Those taking it in four years are classified in four grades, called grades A, B, C, and D. When pupils are promoted to the grammar schools they begin the first year's work together. After two or three months they are separated into two divisions.

One division advances more rapidly than the other, and during the year completes one-fourth of the whole course of study. The other division completes one-sixth of the course.

During the second year the pupils in grade B are in the same room with the sixth grade. At the beginning of the year they are five months (one-half the school year) behind those in the sixth grade. After two or three months grade B is able to recite with the sixth grade, and at the end of the year both divisions have completed one-half the course of study—the one in two years, and the other in three years. The plan for the last half of the course is the same as for the first half, the grades being known as the seventh, eighth, and ninth in the one case, and as C and D in the other.

There are also two ways of completing the course in five years: (1) any pupil who has completed one-half the course in two years may, at the end of that time, be transferred to the seventh grade, and finish the course in three years; (2) any pupil who has completed one-half the course in three years may, at the end of that time, be transferred to grade C, and finish the course in two years. In both cases these changes can be made without omitting or repeating any part of the course.



Arrow No. 1 indicates the four years' course; grades A, B, C, D. Arrow No. 2 indicates one of the five years' courses; grades A, B, 7, 8, 9. Arrow No. 3 indicates the other five years' course; grades 4, 5, 6, C, D. Arrow No. 4 indicates the six years' course; grades 4, 5, 6, 7, 8, 9.

It is now fifteen years since the schools were first classified on this plan, During this time eight thousand seven hundred fifteen pupils have graduated from the grammar schools. Of this number, 7 per cent completed the course in four years, 29 per cent in five years, 49 per cent in six years, and 15 per cent in seven years or more.

Of the number who entered the Latin School from the Cambridge grammar schools during the past twelve years and remained a year, 14.9 per cent did the work in the grammar schools in four years, 43.1 per cent in five years, 39.1 per cent in six years, and 2.9 per cent in seven or more years. Of those who entered the English High School from the Cambridge grammar schools and took the general course and remained a year 8.7 per cent did the work in the grammar schools in four years, 35.8 per cent in five years, 44.7 per cent in six years, and 10.8 per cent in seven years or more; of those who took the commercial course, 8.0 per cent did the work in the grammar schools in four years, 32.4 per cent in five years, 51.0 per cent in six years, and 8.6 per cent in seven years or more. Of those who entered the Rindge Manual Training School from the Cambridge grammar schools and remained a year, 3.9 per cent did the work in the grammar schools in four years, 31.6 per cent in five years, 52.1 per cent in six years, and 12.4 per cent in seven years or more.

During the past twelve years more than 45 per cent of the pupils entering the high schools from the Cambridge grammar schools did the work in the grammar schools in less than six years, 36.4 per cent doing it in five years, and 9.4 per cent in four years. It does not follow, however, that because so many did the the work in less than the full time, that the plan is a good one. Its value is shown, rather, by the thoroughness with which the work has been done, not in one year only, but in a series of years. The results of the first year's work in the high schools would seem to be a test of this thoroughness. The records in these schools show that for twelve years the marks of the pupils who were four years in the grammar schools were higher than were the marks of those who were five years in the grammar schools; and that the marks of those who were five years in the grammar schools were higher than were the marks of those who were six years in the grammar schools.

The average per cents of the first year's work in the different high schools for twelve years are as follows: —

In the Latin School, the average per cent of the pupils who completed their grammar school course in four year is 80.0; of those who completed it in five years, 75.4; of those who completed it in six years 72.0.

In the general course in the English High School, the average per cent of the pupils who completed their grammar school course in four years is 78.2; of those who completed it in five years, 75.8; of those who completed it in six years, 73.1.

In the commercial course in the English High School, the average per cent of the pupils who completed the grammar school work in four years is 73.2; of those who completed it in five years, 72.6; of those who completed it in six years, 70.2.

In the Rindge Manual Training School, the average per cent of the pupils who completed the grammar school course in four years is 71.2; of those who completed it in five years, 68.8; of those who completed it in six years, 67.8.

The following table will be of interest as showing the results of the first year's work in the high schools of the twelve classes from 1895 to 1906 inclusive: —

IN THE LATIN SCHOOL.

Record of Twelve Different Classes	Four Years in Grammar Schools	Five Years in Grammar Schools	Six Years in Grammar Schools
First Year in High Schools	Average per cents in High Schools	Average per cents in High Schools	Average per cents in High Schools
Class of 1895.......	78.7	78.9	76.4
Class of 1896.......	80.4	77.0	71.6
Class of 1897.......	79.3	72,5	66.9
Class of 1898.......	77.1	72.3	67.8
Class of 1899.......	80.0	73.0	61.8
Class of 1900.......	81.1	75.9	75.4
Class of 1901.......	79.6	75.2	70.1
Class of 1902.......	81.0	77.5	74.7
Class of 1903.......	83.0	79.1	74.7
Class of 1904......	81.0	76.6	75.9
Class of 1905.......	78.2	77.8	73.5
Class of 1906	79.0	70.6	70.1

IN THE ENGLISH HIGH SCHOOL, GENERAL COURSE.

Class of 1895	77.3	76.2	73.4
Class of 1896.......	85 9	75.1	76.4
Class of 1897.......	79.7	78.7	72 2
Class of 1898.......	77.6	75.8	77.0
Class of 1899.......	75.6	75.1	69.1
Class of 1900	79.2	73.4	71.1
Class of 1901.......	72.8	75.2	73.2
Class of 1902.......	82.2	75.3	74.3
Class of 1903.......	86,6	77.0	72.7
Class of 1904.......	75.3	76.6	75.4
Class of 1905......	76.7	75.3	74.0
Class of 1906.......	78.1	74.6	70.3

IN THE ENGLISH HIGH SCHOOL, COMMERCIAL COURSE.

RECORD OF TWELVE DIFFERENT CLASSES	FOUR YEARS IN GRAMMAR SCHOOLS	FIVE YEARS IN GRAMMAR SCHOOLS	SIX YEARS IN GRAMMAR SCHOOLS
First Year in High Schools	Average per cents in High Schools	Average per cents in High Schools	Average per cents in High Schools
Class of 1895.......	73.7	73.5	69.8
Class of 1896.......	74.8	70.9	68.4
Class of 1897... ...	76.3	69.0	69.3
Class of 1898.......	75.7	73.8	69.5
Class of 1899.......	69.5	68.5	68.9
Class of 1900.......	69.2	73.6	72.5
Class of 1901.......	76.0	73.6	70.5
Class of 1902.......	74.9	75.5	73.3
Class of 1903	74.3	76.6	70.9
Class of 1904.......	72.7	73.1	69.6
Class of 1905.......	75.7	74.1	69.8
Class of 1906.......	68.7	70.9	70.1

IN THE RINDGE MANUAL TRAINING SCHOOL.

Class of 1895.......	72.6	65.4	65.9
Class of 1896.......	79.3	63.5	65.2
Class of 1897.......	78.6	67.2	61.7
Class of 1898.......	81.7	69.5	68.9
Class of 1899.......	....	67.5	67.8
Class of 1900.......	72.6	69.6	68.0
Class of 1901.......	80.0	67.8	68.4
Class of 1902.......	80.4	71.9	69.2
Class of 1903.......	70.4	73.5	70.3
Class of 1904.......	76.2	71.6	68.7
Class of 1905.......	64.8	68.7	68.7
Class of 1906	53.2	66.3	66.3

The results already given are based on the first year's work in the high schools. For six years results have been obtained based on the full course in the high schools. During these six years, three hundred forty-six pupils have graduated from the Latin School. Of these three hundred forty-six, two hundred seventy-one were graduates of the Cambridge grammar schools. Of these two hundred seventy-one, fifty-one did the work in the grammar schools in four years, and their average per cent for the Latin School course was 81.5; one hundred forty-six did the work in the grammar schools in five years and their average per cent for the Latin School course was 76.5; seventy-one did the work in the grammar schools in six years and their average per cent for the Latin School course was 74.6; three did the work in the grammar schools in seven years and their average per cent for the Latin School course was 71.7.

During these six years, four hundred forty-three pupils have graduated from the English High School. Of these four hundred forty-three, three hundred sixty-six were graduates of the Cambridge grammar schools. Of these three hundred sixty-six, thirty-one did the work in the grammar schools in four years, and their average per cent for the high school course was 76.9; one hundred forty-six did the work in the grammar schools in five years, and their average per cent for the high school course was 76.2; one hundred sixty-five did the work in the grammar schools in six years, and their average per cent for the high school course was 74.5; twenty-four did the work in the grammar schools in seven years, and their average per cent for the high school course was 73.1.

PRIMARY SCHOOLS.

The number of pupils in these schools on the first of December was five thousand seven hundred eight, and the number of teachers was one hundred forty-three.

The cost of instruction for each pupil for the year has been $17.12. This does not include the cost of supervision or the cost of the Wellington School.

For non-resident pupils the tuition is $20 a year, payable one-half at the beginning, and the other half at the middle of the school year.

The course of study is for three years. Children five years old are admitted to the first grade at the beginning of the school year and during the first week in March. Pupils qualified to join existing classes may be admitted at any time on application to the principal. At the present time, 39 per cent of the pupils are in the first grade, 32 per cent in the second, and 29 per cent in the third.

One thousand six hundred nine pupils were promoted to the grammar schools last June at an average age of nine years five months. Of these, 5 per cent completed the course of study in less than three years; 58 per cent in three years; 4 per cent in three and a half years; and 33 per cent in four years or more.

Promotions from grade to grade in the primary schools, and from the primary to the grammar schools, are made by the primary teachers, under the direction of the supervisor of primary schools and the superintendent. Promotions by classes are made annually at the beginning of the autumn term; but individual promotions are made at other times if it is deemed expedient by the supervisor of primary schools and the superintendent.

Pupils are promoted to the grammar schools on trial, and those who show by their work that they are unprepared are returned to the primary schools on the approval of the supervisor of primary schools and the superintendent.

Once a month the teachers of each primary grade meet the directors of special studies and the supervisor of primary schools. These meetings are held in the English High School building on Wednesday afternoons, half an hour after the close of the schools. The work for the coming month is planned; criticisms and suggestions in regard to methods are made; and questions from the teachers are answered and discussed.

Occasionally specimens of written work from all the pupils are brought for examination. In this way the amount of work done in the schools is made somewhat uniform; new teachers are kept informed as to the requirements, and pupils lose less time when a change of teacher or school becomes necessary.

The supervisor of primary schools writes as follows: —

Perhaps the greatest gain during the year has been in the reading which has been improved in all three grades. Especially have the children gained in self-help and in power to read to themselves with enjoyment. This greater command of vocabulary has naturally led to smoothness, distinctness and good expression. This gain is due principally to the systematic and thorough manner in which phonics have been taught, and also to the very attractive readers with which all the grades have been supplied.

There has been a faithful effort made to teach the prescribed course in number; but the impression is general that more time has been taken for this subject in the lower grades than is advisable. The new desk books in number, which have been provided for each teacher, have made variety easier and more general.

More time is needed for oral and written language. This time might be obtained by shortening or narrowing the course in number for all the grades.

In view of possible changes in the course of study, these facts in regard to the present organization of the primary schools may be of interest: There are three grades corresponding to the first three years of school life after the kindergarten. In September the first grade is divided into two sections,— the first and the advanced first. The former section is composed of children who have just entered school, and the latter of those who entered the previous March and also such children, who through long absence or other causes, have failed to gain promotion to the second grade. These children do not repeat the whole of their first year's work, but are started as far along in the course as is possible.

Again the first grade is divided into at least three groups, and the advanced first into two groups. Thus there are five groups where children entering from other places, or losing time through the year, may be placed to make up needed work. The teachers promote from a lower group to a higher whenever it is possible, leaving the last group small and giving it special attention. The first of March adds still another group which must be taught separately.

The second and third grades are each divided into two groups. The children are graded as closely as possible, and are promoted whenever they show ability to advance. In the third grade the lower group is given special help to enable it to cover all the work in the course while the higher group gets time for extra work. The teachers, always watchful for the opportunity, are able to shorten the time in the primary school for several of the children, and to help many of them to recover lost time.

To these groups the superintendent has now added another, composed of those who are two or three years older than the average of third grade children. It is hoped, by having small numbers in these classes, to enable some of the children to learn to speak English more quickly, and others to gain time in the grammar schools. The benefit to the regular third grades of having these older children removed was immediately apparent. The enthusiasm of the older children and their eagerness to do extra work promises well for the success of these special classes.

KINDERGARTENS.

The number of pupils in the sixteen kindergartens on the first of December was eight hundred, and the number of teachers was thirty-one.

The cost of instruction for each pupil for the year has been $26.90. This does not include the cost of supervision.

To be eligible to a position in a kindergarten, a teacher must have had a course in a high school, a course in a kindergarten normal school, a year's experience in teaching either in a kindergarten or a primary school, and must be able to play the piano.

Students in kindergarten normal classes are given opportunities to observe during their two years' course, and are allowed one month's experience in the first primary grade, but it is not deemed expedient for them to observe after graduation.

Teachers in kindergartens are to use their afternoons in visiting the homes of their pupils, with a view of maintaining friendly relations with the parents and of securing regularity of attendance, except when the time is needed for preparation for their work, and they are to make reports on blanks prepared for this purpose.

The report of the committee on kindergartens calls attention to the large number of mothers' meetings held during the year. There were one hundred twenty-eight such meetings, an average of eight, or nearly one a month to each kindergarten. The talks given at these meetings covered a wide range of subjects, but the care and the training of young children were the principal subjects considered.

Much attention was given to the presentation and the discussion of ways to promote the physical well-being of the children, and there were talks upon the care of the eyes, the throat and the teeth.

These meetings were made a means of securing a better acquaintance between the mothers whose children were in attendance at the kindergartens, and also between the mothers and the teachers.

The kindergartners report that they have made two thousand eight hundred sixty-nine calls during the year, an average of one hundred seventy-nine to each kindergarten.

This friendly visiting tends to a good understanding between the homes and the kindergartens, and makes them unite in effective efforts for the good of the children.

The number of these schools is not equal to the demand, and the committee expresses the earnest hope that kindergartens may be opened in other sections of the city in the near future.

SPECIAL STUDIES.

The committee on special studies has supervision of the instruction in nature study, drawing, music, sewing, and physical and industrial training in the grammar and primary schools.

The following is from the report presented by the committee to the Board at its annual meeting in December: —

In accordance with Section 30 of the Rules of the School Board, the committee on special studies respectfully submits the following as the report of the committee: —

The work of the committee has centered largely, if indeed not entirely, during the past year, about the question of music.

Early in the year the committee was impressed with the great need for a new system of music readers, as the books in use were unsuited to the growing importance of music in the schools and to the attention given to this subject by teachers and pupils. The committee spent much time in the investigation of various music courses offered for its examination, and, realizing that it must look forward to the needs of the schools for many years to come, sought to secure the very best system of readers. Eventually the committee by a unanimous vote recommended the introduction of the New Educational Music Course to be used throughout the first eight grades, and the Abridged Academy Song-Book for use in the ninth grade. New music was also recommended for the high schools. The new books were furnished to the schools and undoubtedly will prove of great lasting value in the musical education of the pupils.

The committee notes with regret the resignation of Miss Georgia E. Martin, the assistant in music. Her work has been well and faithfully done and her resignation is a distinct loss to the schools.

The part that music plays in the general education of the child is rightfully held important in Cambridge, but the question is suggested as to whether more time should not be given daily to music in the various grades. An inquiry shows that Cambridge is devoting less time to music than other cities of the same or less population. Your committee suggests that the study of music has an ennobling influence upon the child and tends to emphasize the value of optimism and of a happy, joyful attitude towards life. We recommend that the special committee on courses of study consider the advisability of granting a longer period for music study.

The art study in the schools under the direction of Mr. Peter Roos has progressed satisfactorily. More attention than formerly has been given to pencil drawing in such exercises as drawing from common objects, plant form, fruit and vegetables, the designing of objects and the planning of rooms and ornamental gardens. Color harmony and the representation of objects has been studied in the grammar grades and in the English High School. The director of drawing has given one day in each week to advanced classes in the English High School, where about forty pupils are pursuing charcoal drawing and art color painting as an elective study.

Grade teachers as well as pupils have maintained a strong and steady interest in the art study throughout the year.

The object of the lessons in planning for ornamental gardens is to form a taste for attractive out door surroundings as well as the development of skill in designing. Members of the Cambridge Municipal Art Society have become interested in these particular art lessons, and desiring to encourage the efforts of the pupils have offered to present prizes, such as books, to the pupils doing the best work; this, of course, with the consent of the school committee.

The plan of the work in the department of physical training has not been materially changed during the year. The director of this department has made several requests for improvements, for help in the way of material, which will be taken up in due time by the committee.

Nature study has been carried on during the year by coöperation between teacher and pupil. Something is being done in the study of animal life, especially in insect and bird life. This appears more suited to the needs and interest of the older pupils than the study of plant life exclusively. Still more might be accomplished by providing apparatus, including aquaria, for the study of water life. Stuffed birds would also be helpful. The agricultural and artistic instincts of the pupils have been awakened by home gardening. The idea already started of having home gardens should be developed. There is room for these gardens in many of the schoolhouse yards, and if the park department would put the soil in condition the pupils could take charge. They would undoubtedly derive much pleasure and benefit in the constructive work of gardening.

The directors of all the departments have labored zealously during the year and are to be commended for their efforts.

NATURE STUDY.

The work in nature study includes the study of plant and animal life with some study of minerals and of weather phenomena.

The study of plants was first undertaken, and still makes up the larger part of the work. The study of animal life consists mainly of lessons on insects and birds. The mineral work is confined to lessons on common metals and on building stones.

Plants are studied in grades one to four, inclusive; insects in grades one, two and four; birds in grade four; weather phenomena in grades one to three, inclusive; and minerals in grade four.

Specimens chosen for study are those in which the pupils have a present interest, and all work is based on present experience. It is kept well within the capabilities of the children, yet novel enough to require their best effort. Whenever it is possible, the nature study is made to correlate with the work in other branches.

The results sought are increasing knowledge of facts gathered by observation; familiarity with environment; and a growing sympathy with nature.

DRAWING.

The course of instruction in drawing in the primary and grammar grades includes form, color and designing.

The study of form (pictorial representation) is carried through all the grades upon a plan involving type solids and natural forms of leaves, flowers and fruit. Construction drawing of objects and of simple original ornaments is gradually developed by progressive exercises. Geometrical drawing is introduced in the sixth grade and continued through the advanced grades. Drawing from nature receives special attention during the spring and autumn months.

Color is studied in all the grades, colored tablets being used in the primary grades and water colors in the grammar grades. Harmony and mixing of colors are treated as a science in special exercises; while color skill is artistically expressed in original designs and in nature study.

In design, particular attention is given to subjects involving fundamental principles of symmetry, balance, etc., and to methods of working out simple, specific problems in construction and in decoration.

In the English High School, drawing is a required study the first year, and is carried forward upon a plan of which the following is an outline: —

Drawing from objects and from casts, drawing from nature of plant form, drawing to scale, designing (constructive and decorative), and color harmony.

Drawing, designing, or water-color painting, may be taken as an elective study after the first year. The course of lessons includes landscape, still-life and advanced designing.

In the English High School, the instruction in drawing is given by the director of drawing and his assistant. In the primary and grammar grades, it is given by the teachers under the supervision of the director and his assistant. In the Rindge Manual Training School, there are two teachers of drawing, one of mechanical drawing and the other of freehand, and the work is done under their immediate instruction.

MUSIC.

The New Educational Music Course is used by the regular teachers in the primary and grammar grades under the supervision of the director of music and his assistant. In the high schools the music is conducted by the director. Every pupil who is capable of learning to sing is required to give attention to the subject.

In the Latin, English High and Rindge Manual Training schools, forty-five minutes a week are given to the study of musical form and expression as found in choruses, quartettes, etc., from the standard oratorios and operas.

Elementary harmony, counterpoint and composition have been introduced as elective studies for the first and second classes, and boys as well as girls having a special aptitude for music naturally elect these studies, the only requisite being some knowledge of the pianoforte. Pupils of the fourth year in the English High School may elect harmony in place of astronomy, and those intending to go to a normal school are advised to take the course in harmony.

The students are instructed in scale formation, intervals, and a logical and comparative view of all true chords, in order to give them the power to construct and resolve these chords for themselves.

The study of harmony is carried well into modulation. and the study of counterpoint is carried through the four simple orders or species, including both the major and minor modes. Harvard College has passed a vote allowing a knowledge of harmony and counterpoint to count in an entrance examination to both Harvard College and the Lawrence Scientific School, granting two points each to the subjects.

Two periods of fifty minutes each week are devoted to instruction, and occasionally the best compositions of the students are sung or played before the entire school, showing in this way the practical side of the work, which will prove an important factor in future teaching.

In the Rindge Manual Training School, the young men are taught to sustain their parts, without accompaniment, in compositions of four part harmony, (first tenor, second tenor, first bass and second bass) the music being selected and arranged for this purpose.

Fifteen minutes a day in the primary, and ten minutes a day in the grammar grades, are devoted to this study; and pupils in the grammar grades are taught to sing and sustain their parts in reading compositions in two, three and four parts.

Memorizing music is a feature in all the grades, including the high schools, and in all graduating exercises it is expected that the music by the pupils will be sung or played without notes. To this end rote singing in all the schools forms a part of the instruction in reading music.

PHYSICAL TRAINING.

The Ling system of physical training is used in the schools. Seven grades are regularly supervised, the classes of the eighth and ninth grades being visited by the director only when special request is made by their teachers.

The instruction is given daily by the regular teachers in their respective classrooms under the supervision of the director of physical training, who visits each class as often as time will permit, and who also meets the teachers for special instruction from time to time.

Daily in the grammar grades ten minutes are allowed and in the primary grades fifteen minutes. During the months of September, October, November, April, May and June, the primary classes have the privilege of outdoor recesses, while during December, January, February and March the time is spent in games and marching.

The essential aim of all the teaching in physical training is to make the period one of recreation and healthful exercise, thus counteracting in part the tendency to spinal curvature and flat chest caused so often by sitting so many hours a day at the school desk.

SEWING.

Sewing is taught to the girls of the three lower grades in the grammar schools, and to the boys of the fourth grade who desire the instruction, the regular teachers having charge of the work of the boys.

The following is the course in sewing: *Fourth Grade.* Running, basting, stitching, sewing on buttons, overhanding and making pin-balls. *Fifth Grade.* Hemming, gathering, stroking gathers, model apron, overcasting and model pillow-case. *Sixth Grade.* Buttonholes, darning on canvas, darning a thin place in stocking, darning a hole in stocking, and matched patching.

Forty minutes are given to the work once a week in each grade. Throughout the course great care is taken in securing the ends of the thread in beginning, joining and fastening off.

The first lessons in sewing are spent in learning the use of the thimble and needle, in threading the needle, making knots and fastening ends. Running stitches are made during this time on ruled pieces of cloth. Neatness is insisted upon from the beginning. Stamped patterns of stars or circles are worked in running stitches by the more forward. Then basting by measure is taught. Measuring cards are provided for this, and the stitches are made one-half inch in length, with spaces of one-eighth of an inch. All work is upon practice pieces with colored thread. The first piece has three lines for running stitches and two for basting.

The second practice piece is of double cloth and has two lines of basting. On this piece stitching is taught, the children imitating machine stitching as nearly as possible. Two lines are done by all, and four lines by the best sewers, who also stitch their initials in the center.

Buttons are brought from home for the third practice piece. Strips of cloth for this are basted by those who finish stitching before the others. The shoe button comes first as the simplest, then the two-holed button, then the four-holed.

The pupils who finish buttons first, baste strips for overhanding. This is the last stitch taught to this grade. Those who wish bring pretty pieces of cloth and make pin-balls. At the end of the year the boys take home all their work. The girls keep theirs for reference the next year.

The work in the fifth grade begins with folding and basting hems, the practice piece having a half inch hem on one edge, and a quarter inch hem on the other. Hemming is practiced until fairly well done, before beginning the model apron of calico, which is then hemmed on the sides and at the bottom.

In January the aprons are laid aside while gathering is taught. The rule for gathering is copied upon paper, and then practiced upon cloth, with attention to the proper position of the hands. Stroking the gathers follows, and the new work is then applied to the model apron. The gathers are stitched to the belt, and the apron carefully finished.

Model pillowcases are given to those who have time to make them, which gives a little practice in overcasting.

Those who finish the year's work take home all the practice work of the two years.

During the first term in the sixth grade those who completed the fifth grade work are taught to make buttonholes, while the others finish their model aprons. After vacation all begin together upon darning on canvas. This being finished, they learn to run a thin place in stocking material, and then to darn a hole. When the darning is finished, buttonholes are taken up again, and then matched patching. Those who have time for extra work practice feather stitching.

EVENING SCHOOLS.

The following account of the evening schools is given by Mr. Sanford B. Hubbard, the agent of the school committee, who has the general supervision of these schools: —

There are now eight evening schools,— two drawing schools, one high school, one manual training school, and four elementary schools. In accordance with the Rules of the School Board, there are two terms of the evening schools. The first term begins on the second Monday of October, and continues every Monday, Wednesday and Friday evening until the end of the week before Christmas. The second term begins on the first Monday, Wednesday or Friday evening after the opening of the day schools in January, and continues thirty-five evenings. The sessions begin at half past seven o'clock and continue two hours. No session is held on the evening of a holiday, or during the vacations of the day schools.

The evening drawing schools are under the supervision of the director of drawing in the day schools. There are two of these schools, one for instruction in mechanical drawing, which occupies three rooms in the Washington building, and one for instruction in free-hand drawing, which occupies one room in the English High School building. In the Mechanical School two courses are provided,— a three years' course in machine drawing, and a three years' course in architectural drawing. In the Free-hand School provision is made for a three years' course in free-hand drawing. Diplomas are given to graduates of either course.

The Evening High School is held in the English High School building, and offers a three years' course of instruction in the following subjects: Arithmetic, bookkeeping, algebra, geometry, stenography, English composition, English literature, civics, history, Latin, French and German. Diplomas are granted to graduates of the three years' course.

The Evening Manual Training School is held in the Rindge Manual Training School building and offers courses in machine shop work, wood-turning, pattern-making and forging.

The evening elementary schools occupy rooms in four of the grammar school buildings, the Putnam, Roberts, Shepard and Webster. Reading, writing, arithmetic, geography, language, history and bookkeeping are taught in these schools in classes, so far as classification is possible, but a large part of the work is individual. No definite course is arranged, but an opportunity is offered to pupils to prepare to enter the Evening High School, and certificates are given to those who are qualified to begin work in that school. In addition to the subjects given above, classes in civil service, sewing, dressmaking, millinery, wood-working and mechanical drawing are formed when a sufficient number express an intention to take any one of these courses.

The following table shows the attendance at the evening schools for the year 1905–1906: —

	Number Registered	Average Attendance	Average No. of Teachers*	Average No. of Pupils to a Teacher	Number of Graduates
Mechanical Drawing....	144	55	5	11	14
Free-hand Drawing	76	39	2	19	5
High School.	430	175	10	17	11
Manual Training School	50	33	2	16	....
Putnam School.........	814	321	25	13	23
Roberts School.........	610	270	19	14	45
Shepard School........	212	116	10	12	12
Webster School.......	196	95	7	14	10
Total................	2,532	1,104	80	14	120

* The principals and curators are not included in these averages.

The following table shows the cost of the evening schools for the year 1905–1906: —

	Cost of Instruction	Cost of Text-books and Supplies	Cost of Light, Fuel and Janitors	Total Cost	Cost per Pupil
Mechanical Drawing....	$1,157 00	$56 33	$176 20	$1,389 53	$25 26
Free-hand Drawing	490 00	56 42	48 15	594 56	15 24
High School...........	1,830 00	168 42	529 66	2,528 08	14 45
Manual Training School	788 00	23 56	268 53	1,080 09	32 73
Putnam School	2,889 00	27 29	531 52	3,447 81	10 74
Roberts School	2,316 50	38 60	663 55	3,018 66	11 18
Shepard School........	1,265 50	13 42	226 61	1,505 53	12 98
Webster School........	969 50	12 91	283 26	1,265 67	13 32
Total................	$11,705 50	$396 95	$2,727 48	$14,829 93	$13 43

During the year 1905-1906 Cambridge maintained eight evening schools, occupying forty-eight rooms and employing eight principals and eighty teachers. The registration in these schools was one thousand four hundred eighteen males and one thousand one hundred fourteen females, a decrease of fifty-seven males and an increase of ninety-five females, — a net increase of thirty-eight. The average attendance was one thousand one hundred four, an increase of ninety-six.

At the opening of the schools in October the Mechanical Drawing School was transferred from the Central Square building to the Washington building. The registration at this school was one hundred forty-four, the largest in recent years, but owing to the fact that the classrooms were not properly lighted during the opening weeks of the term, the attendance fell off and the average was only fifty-five, the smallest for a number of years. The average cost per pupil was for this reason considerably increased. Excellent work was done, however, as was shown by the exhibition held at the end of the year, and fourteen pupils graduated, having completed the three years' course.

The average attendance at the Free-hand Drawing School was thirty-nine, about as usual. Five pupils graduated, and an exhibition of the work received deserved approval, especially the work from the "life model" which seems to have added much to the interest in this school.

The Evening High School continued its usual good work, having an average attendance of one hundred seventy-five with ten teachers. Eleven pupils received diplomas of graduation.

The Rindge Manual Training School was opened for evening work for the first time. The results were very satisfactory. Fifty students registered, maintaining an average attendance of thirty-three for the two terms. Two teachers, a curator and a tool-room boy were employed. Two classes were formed, one in wood-turning and pattern-making and the other in machine shop work. The attendance was regular and the interest deep. One of the lines of work was tool-making and many tools were made which have been used in the day schools. An exhibition of the work at the end of the year was very interesting. There were not enough applicants for work in the blacksmith shop to warrant opening it.

The average attendance in the elementary schools was eight hundred two, an increase of nearly one hundred. Sixty-one teachers were employed, averaging thirteen pupils to each teacher through both terms. Two characteristics of these schools this year have been the increase in the number of illiterate foreigners and the lively interest in the work in sewing, dressmaking and millinery. The several exhibitions at the end of the year attracted large numbers of visitors.

Not the least encouraging result of the evening schools has been the spirit of fellowship and good-will which has been developed in the several districts. The suggestion that lectures and entertainments be provided in the schoolhouses has not been realized. The committee asked for an appropriation for this purpose which the city government has not seen fit to grant. It is to be hoped that the coming year will bring a change in this matter and that this means of education and of developing a healthy public spirit towards the schools and the city will be used here as it has been for several years in other cities.

VACATION SCHOOLS.

The vacation schools opened on Monday, July 9, in five school buildings, the English High, Putnam, Roberts, Shepard and Webster. There were two sessions of two hours each day, one class attending the first session, and another attending the second. Pupils of the grammar grades only were provided for, and all grammar pupils who applied were admitted.

The older pupils were given a choice of sloyd and drawing (one hour each), or of basketry, cooking or sewing (two hours each).

The younger pupils were given instruction in drawing, water colors, reading, writing, and in other subjects of an interesting and profitable character.

One thousand two hundred twelve pupils were registered, an increase of fifty-three over last year. The average attendance was seven hundred twenty-one, an increase of four. The following table shows the number registered and the average attendance in each subject:—

	Number Registered	Average Attendance
Academic	383	222
Basketry	103	56
Cooking	100	56
Sewing	315	218
Sloyd and Drawing	311	169
	1,212	721

A great many of the children ceased to attend before the end of the term, and this is especially noticeable among the older pupils who chose sloyd and drawing, cooking or basketry. The average attendance in these subjects was only a little over half of the number registered. The pupils who chose academic work or sewing show a better average attendance. More pupils can be taken care of at a slight increase in cost, but not all of even the third primary grade.

The cost of the schools was $1,645.40 for salaries of teachers and janitors, and $155.87 for supplies, a total of $1,801.27, or of $2.49 per pupil based on the average attendance.

The following table shows the line of work in each school and the number in attendance :—

School	Subject	Number Registered	Average Attendance
English High School..........	Academic..............	91	53
English High School..........	Basketry	103	56
English High School..........	Cooking...............	100	56
English High School..........	Sewing.	66	33
English High School..........	Sloyd and Drawing.....	121	66
Putnam School	Academic..............	80	51
Putnam School...............	Sewing................	60	52
Putnam School..............	Sloyd and Drawing.....	93	51
Roberts School...............	Academic	95	53
Roberts School	Sewing................	68	41
Roberts School...............	Sloyd and Drawing.....	97	52
Shepard School...............	Academic..............	78	36
Shepard School...............	Sewing...	71	43
Webster School	Academic..............	39	29
Webster School	Sewing................	50	49
		1,212	721

SUMMER PLAYGROUNDS IN SCHOOL YARDS.

Mrs. Helen G. Brooks, the secretary of the committee in charge of the summer playgrounds, has furnished the following at the request of the superintendent :—

Last summer, for the first time, Cambridge had playgrounds in school yards. An appropriation of $200 was made by the city and put into the hands of the park commission for the purpose of placing sand gardens in eight school yards. These were the yards of the Cushing, Felton, Gore, Lassell, Riverside, Sleeper, Tarbell and Taylor schools.

A committee of ladies, who had had experience in playground work, placed matrons in these yards for six weeks to superintend the play and manual work which took place there. In some yards the attendance was larger than in others, notably in the Gore, Lassell and Taylor, where the matrons had all the children that they could care for, and probably a greater variety of ages than in the other school yards. In the Taylor School the attendance the first week averaged seventy-five in the morning and over one hundred in the afternoon; toward the close of the term it was fifty in the morning and eighty in the afternoon. The attendance at the Gore and Lassell schools was very large. The attendance in other yards varied according to locality. In every case it was large enough to justify the experiment.

It was soon discovered that the older children were happier if they had work as well as play. This was true of both boys and girls. They learned to sew, to make worsted reins, to dress dolls, to make and furnish a doll's house, to make scrap books, to braid bookmarks, and to embroider patterns stamped on cloth. There were many games played and books read while the little children played in the sand gardens.

The improvement in cleanliness and courtesy among both boys and girls was noticeable before the school yards were closed.

If the school yard playgrounds are continued they may become educational centers whose influence may be felt throughout the neighborhood among the older as well as the younger children.

THE PUBLIC LIBRARY AND THE SCHOOLS.

The English High School has a library of about three thousand volumes. The Latin School has only about one-third of this number. Comparatively few books of a miscellaneous character have been added to these libraries for several years, the public library meeting the demand for such books. The need of the schools is for books of reference and for sets of books for class study. The library at the Latin School will in future receive accessions from the income of the Hopkins Classical Fund.

The grammar schools, with the exception of the Morse and the Webster, are not supplied with books for general reading. These are obtained from the public library.

The number of books delivered at the schools from the public library has increased one-third the past year; the total number being twenty-four thousand four hundred ninety-two. By this means good reading has been made so accessible that, with a little advice and direction from the teachers, the children in the grammar grades have read many books that have supplemented the work of the schools, especially in geography and in history.

A series of meetings at the library for pupils from the ninth grade took place in January.

The pupils went by classes "for special instruction by the librarian, and the children's librarian, in the use of the card catalogue and of reference books as well as for an inspection of all departments of the library itself."

When an exhibit of book-binding processes and materials was shown at the library an arrangement was made with Librarian Ayer by which a committee, composed of two delegates from each grammar school, visited the library for instruction by the librarian in the processes of book-binding with the exhibit as an object lesson.

The delegates were required to take careful notes and then report to the schools from which they were sent. After the delegates had made the reports many of the pupils were led to visit the exhibition and were able to make a profitable inspection of the materials shown, because the reports of the delegates had given them directions.

The monthly bulletins issued by the librarian have been of much use to the schools. The reading list on Benjamin Franklin in connection with the two hundredth anniversary of his birth; the list of recent books for older boys prepared especially for the pupils of the Rindge Manual Training School; the list of fifty recent books for older girls prepared for pupils of the Latin and English High schools are noted as samples of the kind of help the schools are receiving from the library.

TRUANT OFFICERS.

The city is divided into four districts and to each of these districts a truant officer is assigned. Among their duties are the following: To visit each school at least once a day, unless otherwise directed by the agent; to prevent children from loitering about the school premises; to notify the teachers of all cases of contagious and infectious diseases reported by the board of health; to attend the evening schools when so directed by the agent of the Board to assist in the preservation of order, and to visit places of business where children are employed, to see that none are employed unlawfully. They make all complaints at the district court for truancy, absenteeism, or school offences, attend the trials as witnesses, and take boys to the Middlesex County Truant School when they are sentenced.

By the Rules of the School Board the work of the truant officers is done under the supervision of the committee on schoolhouses; and under the direction of this committee, it is the duty of the agent of the Board to consider all cases of truancy, of persistent violation of the rules of the school, of juvenile vagrancy, of unlawful detention from school, of neglect by parents; and of any failure on the part of pupils or parents to comply with the Rules of the School Board or the public statutes relating to school attendance. It is also the duty of the agent to direct the officers to make complaints; to certify to the records in these cases when presented before the district court; and to exercise such supervision of the boys who are sent by the court from Cambridge to the truant school as may be allowed under the statutes.

The following is from the report presented to the Board by the committee on schoolhouses : —

Our four truant officers, Messrs. Cabot, Carmichael, Porter and Riley, have continued the same efficient service as in the past. The city is fortunate in having the service of these faithful men. The following is taken from the reports of the truant officers :—

Absences investigated	12,713
Truants, first offence	541
Truants, third offence	127
Truants, fifth offence or more	190
Complaints of truants and incorrigibles at court	39
Truants and incorrigibles on probation by the court	7
Truants and incorrigibles sentenced by the court	32
Children found wandering about the streets not belonging to any school	93
Such children sent to school	63
Visits to mercantile or manufacturing establishments	315
Children employed without certificates	32

At the beginning of the year Cambridge had thirty-five boys at the Middlesex County Truant School. Thirty-two have since been sentenced; one who has been released has been returned; and twenty-one have been discharged, leaving forty-seven at the present time. The city has paid for the board, clothes, and schooling of these boys, $2,317.15.

The school census was taken by the truant officers and their assistants and shows an increase over last year of forty-seven boys and twenty-four girls between the ages of five and fifteen years. The following is a summary of the school census for the year 1906 : —

Number of children in the city between five and fifteen, boys, 7,898; girls, 8,031	15,929
Number in public schools between five and fifteen	12,572
Number in private schools between five and fifteen	3,054
Number not attending school between five and seven	147
Number not attending school between seven and fourteen	45
Number not attending school between fourteen and fifteen	111
Whole number not attending school between five and fifteen	303
Number in the city between five and six	1,637
Number in the city between seven and fourteen, boys, 5,617; girls, 5,699	11,316

The statistics of the private schools obtained by one of the officers show that there are eleven private schools, having three hundred forty-six pupils and receiving $43,630 tuition money. The five parochial schools contain three thousand seven hundred twenty-two pupils, a total of four thousand sixty-eight pupils attending other than public schools.

LICENSES FOR MINORS UNDER FOURTEEN YEARS OF AGE.

A change in the law has placed in the hands of the school committee the granting of licenses to minors under fourteen years of age to engage in certain occupations. Licenses are granted under the following regulations of the school committee: —

CITY OF CAMBRIDGE

October 18, 1906.

In School Committee

The following was adopted in accordance with Chapter 151, Section 17, Revised Laws, as amended by the Acts of 1906.

REGULATIONS

Section 1. No minor under fourteen years of age shall exercise the trade of bootblacking or sell or offer for sale any article, the sale of which is permitted in Section 15, Chapter 65, of the Revised Laws, in any street, shop, or public place in Cambridge, unless he has a license from the school committee to do so.

Sect. 2. Such licenses shall be granted only to boys of more than ten and less than fourteen years of age, who attend school regularly and punctually, and who are obedient to the rules of the school. An application for such license must be made by the parent or guardian on a blank furnished by the agent; and must include a certificate of the age, attendance, conduct and character of the boy, signed by his teacher and the principal of the school which he attends.

Sect. 3. A licensee must not exercise his trade or make any sales within fifteen minutes of the opening of the sessions of the school which he attends, or during school hours, or after 8 o'clock p.m., or on any electric car, or, on Sunday, within two hundred feet of any place of worship.

Sect. 4. No boy who uses profane, impudent, indecent, or violent language, who is dishonest, cruel to children or animals, or who uses cigarettes or tobacco in any form, shall be eligible to receive a license. Indulgence in any of these vices, or disregard of any city ordinance, or of any of these regulations, or of such others as the school committee may adopt, shall be sufficient reason for suspending or revoking a license. The agent shall have authority to suspend a license granted by the Board for disregard of the provisions of the license, and to prosecute in the court for violations of Section 1.

Sect. 5. When a license is granted, the licensee shall receive from the agent a badge provided for this service, which he must wear in plain sight whenever he shall exercise his trade or make any sales. He must not lend or transfer his license or badge to any person, or furnish an unlicensed minor with papers or other merchandise to sell, and must exhibit his license for inspection whenever requested to do so by any officer of the city of Cambridge.

SECT. 6. Such license expires when the licensee reaches the age of fourteen years; and it may be suspended or revoked at any time for sufficient reason. In either case the license and badge must be returned to the agent.

SECT. 7. A fee of twenty-five cents shall be paid to the agent on the receipt of a license, and a deposit of seventy-five cents shall be made on the receipt of the badge. This deposit shall be returned upon the surrender of the badge in good condition. All fees and deposits received by the agent shall be paid to the city treasurer, and the agent shall keep a record of all licenses granted.

APPLICATION FOR LICENSE.

Cambridge,..

To the School Committee of Cambridge: —

I,..., *residing at*..

Parent or Guardian of..

Residing at..*who was born at*..*on the*..*day of*..*189 , request that he be granted a license to* EXERCISE THE TRADE OF BOOTBLACKING, TO SELL NEWSPAPERS, PERIODICALS, ETC., TO SELL MERCHANDISE.

We both promise that the regulations of the School Committee relating to licensing minors shall be faithfully obeyed.

Signature of Parent or Guardian..

Signature of Minor..

....*School.*

According to the school records...*was born the*...*day of*...................................*189*

His attendance is..

His deportment is..

His character is..

....*Teacher.*

....*Principal.*

MINOR'S LICENSE.

CITY OF CAMBRIDGE

School Department

Cambridge,..19

Minor's License — Number..

In accordance with Chapter 151, Section 17, Acts of 1906, the School Committee of Cambridge hereby grants to

....

the right to exercise the *Trade of Bootblacking* or to *Sell Newspapers, Periodicals, etc.*, subject to the foregoing regulations.

The School Committee of the City of Cambridge.

by.. Agent

The number of the badge accompanying this license is...........................

CONTAGIOUS DISEASES.

The following act relative to school physicians and to testing the sight and hearing of pupils in the public schools, was passed by the legislature in 1906:

Section 1. The school committee of every city and town in the Commonwealth shall appoint one or more school physicians, shall assign one to each public school within its city or town, and shall provide them with all proper facilities for the performance of their duties as prescribed in this act; *provided, however,* that in cities wherein the board of health is already maintaining or shall hereafter maintain substantially such medical inspection as this act requires, the board of health shall appoint and assign the school physician.

Sect. 2. Every school physician shall make a prompt examination and diagnosis of all children referred to him as hereinafter provided, and such further examination of teachers, janitors and school buildings as in his opinion the protection of the health of the pupils may require.

Sect. 3. The school committee shall cause to be referred to a school physician for examination and diagnosis every child returning to school without a certificate from the board of health after absence on account of illness or from unknown cause; and every child in the schools under its jurisdiction who shows signs of being in ill health or of suffering from infectious or contagious disease, unless he is at once excluded from school by the teacher; except that in the case of schools in remote and isolated situations the school committee may make such other arrangements as may best carry out the purposes of this act.

Sect. 4. The school committee shall cause notice of the disease or defects, if any, from which any child is found to be suffering to be sent to his parent or guardian. Whenever a child shows symptoms of small-pox, scarlet fever, measles, chickenpox, tuberculosis, diphtheria or influenza, tonsilitis, whooping cough, mumps, scabies or trachoma, he shall be sent home immediately, or as soon as safe and proper conveyance can be found, and the board of health shall at once be notified.

Sect. 5. The school committee of every city and town shall cause every child in the public schools to be separately and carefully tested and examined at least once in every school year to ascertain whether he is suffering from defective sight or hearing or from any other disability or defect tending to prevent his receiving the full benefit of his school work, or requiring a modification of the school work in order to prevent injury to the child or to secure the best educational results. The test of sight and hearing shall be made by teachers. The committee shall cause notice of any defect or disability requiring treatment to be sent to the parent or guardian of the child, and shall require a physical record of each child to be kept in such form as the state board of education shall prescribe.

Sect. 6. The state board of health shall prescribe the directions for tests of sight and hearing and the state board of education shall, after consultation with the state board of health, prescribe and furnish to school committees suitable rules of instruction, test-cards, blanks, record books and other useful appliances for carrying out the purposes of this act, and shall provide for pupils in the normal schools instruction and practice in the best methods of testing the sight and hearing of children. The state board of education may expend during the year nineteen hundred and six a sum not greater than fifteen hundred dollars, and annually thereafter a sum not greater than five hundred dollars for the purpose of supplying the material required by this act.

SECT. 7. The expense which a city or town may incur by virtue of the authority herein vested in the school committee or board of health, as the case may be, shall not exceed the amount appropriated for that purpose in cities by the city council and in towns by a town meeting. The appropriation shall precede any expenditure or any indebtedness which may be incurred under this act, and the sum appropriated shall be deemed a sufficient appropriation in the municipality where it is made. Such appropriation need not specify to what section of the act it shall apply, and may be voted as a total appropriation to be applied in carrying out the purposes of the act.

SECT. 8. This act shall take effect on the first day of September in the year nineteen hundred and six. [*Chapter 502, Acts of 1906.*]

In accordance with Sections 5 and 6 of the above act, the rules of instruction, test-cards and blanks, furnished by the secretary of the State Board of Education, were sent to the schools in November and the tests of sight and hearing were made in November and December. In order that there might be as much uniformity as possible in the testing, the work in the smaller buildings was assigned to one teacher, and in the larger buildings to not more than two or three teachers.

Pupils in the kindergartens and in the first primary grade were not tested. The examinations revealed some cases of defective sight that were not suspected by the teachers, and also showed the seriousness of other cases and the need of immediate attention to them.

As required by the act, parents were notified if the eyesight of pupils was found defective. Many children have been provided with glasses and immediate improvement in work and conduct has resulted. The examinations showed that twenty-nine per cent of the pupils appeared to have some defect of vision.

Six per cent of the children above the first primary grade were found defective in hearing. The parents of these children were notified, and in most cases they have taken the children to physicians for treatment.

Since 1894 the Cambridge board of health, in accordance with a request of the school committee, has appointed a physician, whose duty it is to examine all cases of contagious diseases reported, and to direct the exclusion from the schools of all pupils whose presence will, in his opinion, be a menace to the health of others. He reports his action on every case to the secretary of the school committee. This physician issues all certificates authorizing such children to return to school, as provided by Chapter 502, Section 1, of the Acts of 1906.

As a further precaution against contagious diseases, the board of health established, February 26, 1896, a system of medical inspection in the schools. The city was divided into six districts, in each of which a physician was appointed to visit the schools in that district. The duties of these physicians as now defined are as follows: —

1. The physician shall enter each room of the schools which are subject to his inspection during the morning of every school day.

He shall receive from the principal of the school a written statement signed by him which shall state the name and rooms of the pupils which the respective teachers desire to have examined. If there should be no pupils to be examined, he shall receive for each school day, a written statement from the principal, stating the fact. He shall examine such children as are indicated to him by the teacher as having complained of, or appear to be suffering from disease. He shall enter such rooms, and inspect such other children or parts of the building as he deems wise, examining at least one school each day; being careful always not to disturb the work of the school more than is necessary, in order to learn the condition of the school and the health of the pupils.

2. The physician is to recommend to the principal to send home immediately any child whom he may suspect of having any infectious disease.

3. The physician must not recommend the employment of any special physician or mode of treatment for the particular case, except in pediculosis and tinea, when he shall recommend the treatment by giving the pupil one of the cards provided.

4. In cases of nearsightedness or other trouble with the eyes, or deafness, or other ear trouble to which attention has been directed by the teacher, the physician is instructed to suggest that the principal recommend to the parents that the eyes or the ears of the pupils be examined.

5. The physician shall on the first of each month send to the office of the board of health the statements or cards which he has received and to which he shall add such comments as he thinks will be of value to the board of health.

The principal of each school is required to read the following at the beginning of each term in all the rooms under his charge: —

"Any teacher or pupil who visits any apartment in which a person has been sick within two weeks, or which has been exposed within that time to contagion of smallpox, varioloid, diphtheria, or scarlet fever, shall not be allowed to attend school until the expiration of two weeks after such visit."

The truant officers have received notice through the office of the committee and reported to the several schools the following number of contagious diseases : —

Diphtheria	559
Scarlet Fever	179
Measles	657
Cerebro-spinal Meningitis	28

TERMS, HOLIDAYS AND SCHOOL HOURS.

The school year is divided into three terms, — the autumn, the winter, and the spring term.

The time for beginning the autumn and spring terms, and for closing the winter and spring terms, is fixed annually at the regular meeting of the committee in February. The autumn term ends December 23. The winter term begins on the first school day after that celebrated as New Year's Day.

The holidays are Saturdays; Thanksgiving Day, with the preceding day and the day following; the twenty-second of February; the nineteenth of April; Good Friday; Memorial Day; the seventeenth of June; and in addition to these, for the high schools, Commencement Day at Harvard University.

The sessions of the high schools begin at 8.30 A. M., and end at 1.30 P. M. The sessions of the Rindge Manual Training School begin at 8.30 A. M., and end at 2 P. M. These schools have a recess of half an hour in each session.

With the exception of the Russell School, the morning sessions of the grammar and primary schools begin at 9 and end at 11.45. The afternoon sessions begin at 2 and end at 4, except during the months of November, December, and January, when they begin at 1.30 and end at 3.30. The grammar schools have no outdoor recess. In the primary schools the principal may, at her discretion, substitute an outdoor recess for the period at present devoted to physical training. The sessions at the Russell School begin at 8.30 A. M., and end at 1.30 P. M.

The sessions of the kindergartens are from 9 A. M. to 11.50 A. M.

There are two terms of the evening schools. The first term begins on the second Monday of October, and continues every Monday, Wednesday and Friday evening, until the end of the week before Christmas. The second term begins on the first Monday, Wednesday or Friday evening after the opening of the day schools in January, and continues thirty-five evenings. Vacations and holidays are the same as in the day schools. The sessions begin at 7.30 P. M., and continue until 9.30 P. M.

TEACHERS.

In December there were four hundred fifty-nine teachers in the public schools, including four unassigned teachers. Twenty-nine teachers have been nominated during the year; seven, nominated as temporary teachers last year, have been given permanent positions; and twenty-two have resigned. Nine have been given leave of absence for rest or for some special reason, and two have been given leave of absence for travel or study under the following Rule of the School Board: —

"Any teacher who has served in the city for ten years may, on recommendation of the superintendent and vote of the Board, have leave of absence for one year for purposes of travel or study, and may receive one-third of his salary, provided the amount in no case shall exceed five hundred dollars."

Since the adoption of this rule in 1896, twenty-five teachers have been given leave of absence, twelve from the high schools, six from the grammar schools, four from the primary schools, and three from the kindergartens.

Four teachers were put on the unassigned list in June, 1905, in accordance with the following Rules of the School Board: —

"The superintendent shall prepare and submit to the Board annually in June, a list of teachers recommended by him for re-election.

"On this list he shall designate teachers who have taught in the Cambridge schools for twenty-five years or more and who have attained the age of sixty years, whose election he recommends, to serve in an assistant, temporary or substitute capacity, at a salary of three hundred fifty dollars in grammar and primary schools, and of four hundred fifty dollars in the high schools."

Mr. Theodore P. Adams, a teacher in the high schools for thirty-six years, resigned September 1, 1906. At the meeting of the school board in September the following was adopted: —

"The school board desires to place on record its high appreciation of Mr. Adams and of his long, efficient and faithful service as a teacher in the high schools. For thirty-six years the schools have felt the influence of his industry, conscientious devotion to duty and high ideals of scholarship as shown in the spirit of helpful coöperation with teachers and pupils."

Miss Georgia E. Martin, the assistant in music, resigned December 31, 1906. She was appointed a teacher in the Dana School in 1891, was made temporary principal in 1894, and was appointed principal in 1895. In March, 1900, the Dana School was abolished, and the teachers and pupils were transferred to the Merrill School. Miss Martin continued to act as principal of the Merrill School, and in 1902 she was appointed the assistant in music. Her retirement from the position that she had filled so ably was a distinct loss to the schools of Cambridge. She expected good work from teachers and pupils and she secured it. By her sympathy and by her good-will she called forth enthusiastic efforts from all with whom she worked. Her visits to the schools were welcomed because she came to help, to encourage, and to show the way to a finer appreciation of the value of the study of music in the schools.

Among the other teachers who have resigned are two who have taught in Cambridge for a number of years. Miss Ellen C. Walsh was appointed to the Otis School in September, 1877, and remained in the school until her resignation. Miss Harriet Foster was appointed to the Shepard School in November, 1887, and in 1899 she was transferred to the Ellis School. Both of these teachers have left a record of faithful and efficient service.

At the meeting of the school committee in January, 1907, the resignation of Mr. Charles H. Morse as head master of the Rindge Manual Training School, to take effect January tenth, was received and laid on the table, and it was voted that he have leave of absence without pay until the end of the current school year. Mr. Morse resigned to become secretary of the Massachusetts Commission on Industrial and Technical Education.

He was appointed sub-master of the Webster School in September, 1885, and served there until September, 1889, when he was transferred to the English High School to have charge of the academic work in the Cambridge Manual Training School for Boys. In February, 1892, Mr. Morse resigned to become inspector of wires for the city of Cambridge. In this position he continued until September, 1895, when he was elected superintendent of the Cambridge Manual Training School for Boys by the supervising committee of the school. In January, 1899, the school was given to the city by Mr. Rindge, the founder, and was named the Rindge Manual Training School, and at that time Mr. Morse was elected head master of the school by the school committee of Cambridge.

As leader, guide, counsellor, teacher and friend of the hundreds of boys who have been under his influence in the eleven and a half years during which he has been at the head of the school, Mr. Morse has been so efficient that he has by his service here, earned his promotion to the larger service of the State.

QUALIFICATIONS OF TEACHERS.

A person to be eligible to the position of teacher in a kindergarten must have had a course in a high school, a course in a kindergarten normal school, a year's experience in teaching either in a kindergarten or a primary school, and must be able to play the piano; to be eligible to a position in a primary or grammar school, a teacher must have had a course in a high school, a course in a normal school, and a year's experience in teaching; to be eligible to a position in a high school, except in the manual training department of the manual training school, a teacher must be a college graduate. Equivalent preparation may be accepted. Preparation for the work of teaching as shown by years of study, and experience as shown by years of teaching, may be considered in fixing the salaries of teachers at the time of their nomination.

Two months after a teacher has been nominated to a position in a kindergarten or any school below the position of principal or master in a high or a grammar school, two experienced teachers who are not connected with the school in which the nominee is to serve, are designated by the superintendent to examine the teachers so nominated, while at work, and they report in writing to the superintendent; these reports, together with the testimonials and other papers relating to the qualifications and character of the teacher so examined and of all other nominees, are kept on file in the office of the superintendent and are open to inspection by members of the Board only.

The committee on teachers considers all nominations made by the superintendent. This committee confers with the superintendent, considers the reports of the examiners designated by him, makes further inquiry at discretion and reports to the Board.

Any nomination referred to the committee on teachers, unless confirmed, lapses at the expiration of six months, not counting the summer vacation. A teacher who has failed of confirmation is not to be nominated to a similar position within two years, except on the approval of the committee on teachers.

This committee inquires and reports to the Board in executive session as to the success of any teacher in the employment of the city when so requested by any member of the Board or by the superintendent, and no teacher under such inquiry receives the regular increase of salary, except on the recommendation of this committee.

Under the direction of the superintendent, teachers may visit other schools to observe the discipline and instruction. They may be required to attend teachers' meetings or courses of instruction in methods of teaching for one hour a week. Such meetings may be held on Saturday mornings during term time or at such other time, not in school hours, as the superintendent may direct. Meetings in addition to those indicated above may be held by the superintendent or may be called by him, on request of directors in special subjects.

SALARIES OF TEACHERS AND SCHOOL OFFICERS.

Latin School and English High School.

Head Masters	$3,000 00
Masters	2.000 00
Masters' Assistants	1,200 00
Teachers, first year	700 00
with an annual increase of $50 until $950, the maximum, is reached.	
Assistant Teachers, first year	500 00
" " second year and each succeeding year	600 00

Rindge Manual Training School.

Head Master	$3,000 00
Master's Assistant	1,300 00
Teachers' salaries range from $900 to $1,500.	

Wellington Training School.

Master	$2,800 00
Supervising Teachers (three) first year	900 00
" " second year and each succeeding year	1,000 00
Master's Assistant, first year	800 00
" " second year and each succeeding year	900 00
Teachers of the eighth grade	700 00
Teachers of the seventh grade	450 00
Teachers in the training class from $200 to $450.	

Grammar and Primary Schools and Kindergartens.

Masters of grammar schools, maximum	$2,300 00
Sub-masters, first year	1,000 00
with an annual increase of $100 until $1,400, the maximum, is reached.	
Masters' Assistants, first year	800 00
" " second year and each succeeding year	900 00
Teachers of the ninth grade, first year	750 00
" " " " second year and each succeeding year	800 00
Special Teachers in grammar schools, first year	700 00
" " " " " second year and each succeeding year	750 00
Principals of primary schools, first year	700 00
" " " " second year and each succeeding year	750 00
with five dollars additional for each room under her supervision.	
Teachers of grammar and primary schools and of kindergartens, first year	450 00
with an annual increase of $50 until $700 is reached.	
Assistant Teachers of grammar and primary schools and of kindergartens, first year,	450 00
with an annual increase of $50 until $600 is reached.	

Substitutes.

The pay of a substitute teacher in a high school, who is employed temporarily, is $2.50 a day; if employed one month or more, it is at the rate of $500, $600 or $700 a year, the sum to be determined by the superintendent, who shall consider the experience of the teacher and the position to be filled, in fixing the sum.

The pay of a teacher who is employed temporarily as a substitute in a grammar school, a primary school, or a kindergarten, is $1.00 a session; if employed one month or more, it is at the rate of $450 a year.

SPECIAL TEACHERS AND OFFICERS.

Director of Music	$2,000 00
Assistant Teacher in Music	800 00
Director of Drawing	2,000 00
Assistant Teacher in Drawing	800 00
Director of Nature Study (three-fifths time)	1,000 00
Director of Physical Training	950 00
Instructor in Physical Training in the High Schools	900 00
Director of Sewing	700 00
Teachers of Sewing	650 00
Superintendent of Schools	3,500 00
Supervisor of Primary Schools	1,300 00
Agent of the School Committee	2,350 00
Truant Officers (four are employed)	1,000 00
Secretary of the School Committee	400 00
Page of the School Committee	25 00
Secretary and Librarian of the Latin School	600 00
Secretary and Librarian of the English High School	600 00
Secretary and Librarian of the Rindge Manual Training School	600 00

EVENING SCHOOLS.

Principal of Mechanical Drawing School, per evening	$4 00
Principal of High School " "	4 00
Principal of Elementary Schools " "	3 00
Teachers in Drawing Schools " "	3 00
Teachers in High School " "	2 00
Teachers in Elementary Schools " "	1 50

FIFTY YEARS OF SERVICE IN THE HIGH SCHOOLS OF CAMBRIDGE.

Mr. William F. Bradbury graduated from Amherst College in 1856, being the valedictorian of his class. In June, 1856, before his graduation, he was elected as sub-master and especially as teacher of physics and mathematics in the Cambridge High School. In November, 1865, he was made Hopkins Classical Teacher and he has held this position to the present time.

Mr. Bradbury served as head master of the school for four months in 1857; for the two years from September, 1868, to September, 1870; for one year from November, 1877 to November, 1878, and for the month of September, 1880. Since March, 1881, Mr. Bradbury has been continuously in service as head master. In 1886 the school was divided and two schools, the Latin School and the English High School were established. Mr. Bradbury was then made head master of the Latin School.

During the fifty years of his service he has been absent but two days on account of illness, and this was in March, 1857. His work has not been limited to any department of instruction, for he has maintained an active oversight of every line of college preparatory work. For twenty years he taught all the Greek, and for twenty years more he taught all the Greek except that in the classes of beginners.

The thoroughness of his teaching and supervision has been proven year after year by the success of his graduates who have taken entrance examinations for Harvard and Radcliffe colleges.

On Thursday, Jannary 3, 1907, Mr. Bradbury was given a reception in the hall of the Latin School. Mr. William Taggard Piper, president of the school committee, presided. Judge Arthur P. Stone, a graduate of the Latin School of the class of 1889, on behalf of the graduates of the high schools and the public, presented to the city a life-size portrait of Mr. Bradbury, to be hung in the hall of the Latin School. President LeBaron Russell Briggs, of Radcliffe College, a graduate of the class of 1871, presented to Mr Bradbury for graduates and citizens, a superbly bound volume containing the autographs of about eight hundred graduates of the schools. Miss Mary C. Hardy, as the representative of the teachers in the Latin School, presented to Mr. Bradbury a French clock, with the following inscription on the pedestal: —

Presented to
MR. WILLIAM F. BRADBURY
by the teachers
OF THE
CAMBRIDGE LATIN SCHOOL
Jan. 3, 1907.

Hon. Charles H. Thurston, mayor of Cambridge, accepted the portrait on behalf of the city. Mr. Bradbury spoke in grateful appreciation of the honor shown him and sketched the history of the high schools during the fifty years of his service in them.

The occasion was a fitting tribute to one of the leading head masters of the high schools of Massachusetts.

A PORTRAIT OF FRANK ALPINE HILL.

Former pupils and friends were asked to contribute for a portrait of Mr. Hill, to be placed in the hall of the English High School.

Mr. Cogswell received the sums contributed and secured a crayon portrait, which has been placed in the hall of the school.

A tablet placed upon the frame bears this inscription :

FRANK ALPINE HILL
HEAD MASTER OF THE ENGLISH HIGH SCHOOL
Sept. 1886 to Sept. 1893
SECRETARY OF THE STATE BOARD OF EDUCATION
May 1894 to Sept. 1903
Given to the English High School
by pupils and friends

The portrait is a remarkable likeness of the distinguished first head master of the English High School. It is a fitting memorial of one who so lived as "by the power of encouragement to develop in pupils fine and enduring qualities of heart and mind."

The funds contributed for the portrait were more than were needed, and with the sum remaining Mr. Cogswell has bought a large photo-bromide print of the Capitol at Washington, which will also be placed in the hall of the English High School.

EDWIN LAWRENCE SARGENT.

The following appreciation of Mr. Sargent of the English High School, whose sudden death removed from our number an able and efficient teacher, has been prepared by Mr. Huling, the head master of the school:—

The death of Dr. Edwin Lawrence Sargent on February 12, 1907, ended a service of more than twenty-five years in the high schools of Cambridge. This service was characterized by faithfulness to duty, steadiness of purpose, high scholarship, and an abiding cheeriness of spirit. Of a retiring disposition Dr. Sargent did not seek prominence either in the community or among his fellow teachers, but wherever he was known his companionship was highly valued both for its scholarly and for its genial qualities. He preferred to devote his energies to the upbuilding of the intellect and the character of a generation of boys and girls, and he has his reward in the tender memories which they cherish of his personality and his work.

HELPFUL INFLUENCES.

The Cambridge Teachers' Club, which was organized May 10, 1906, includes in its membership nearly all the teachers in the city.

The social meetings of the club have made the teachers better acquainted with each other, and the meetings for instruction have had immediate effect upon the work of the schools.

The Grammar School Principals' Club, at its monthly meetings, considers the matters that have to do with the detail of instruction and management. The effect of these meetings is a fair degree of uniformity in the grammar schools.

The Cambridge Primary Teachers' Association, which has been merged in the Cambridge Teachers' Club, has, by its effects on both the social and the professional side, exerted a strong influence for the improvement of the schools.

The Kindergarten Teachers' Association has devoted the most of the time at its monthly meetings to a study of the employments, the games and the songs of the kindergarten program.

Parents' meetings have been held at several of the schools, and at these meetings the hospitality of principals and teachers has been extended to the families represented by the children in the schools. These meetings, as well as the mothers' meetings, which have been held by the kindergarten teachers and by some of the primary teachers, have helped to bring about that cordial understanding between the school and the home that makes the efforts of the teachers far more effective.

On this point Mr. Alfred Mosely writes as follows in a communication to the London Times under the date of February 2, 1907 :—

I believe our travellers have been impressed with the close touch between pupil and teacher, and the way in which the parents are invited and even urged, to attend evening conferences in the schools, so that they may know something of the teacher who has charge of their children, whilst the parents themselves are able to speak of their hopes and fears as to the future of their offspring, of the direction in which they wish their child educated, and can take counsel with the teacher as to what are the children's strong points, and for what calling in life they should be most suitable. This can only lead to efficiency, and we need, in this country also, greater sympathy in coöperation between the teacher and pupil and the parents.

At the meetings of the primary teachers with the supervisor of primary schools and with other supervisors, the work required by the course of study has been presented definitely and concisely.

The effect of all these meetings for social enjoyment and for professional improvement is a finer and happier life in the schools; a more sympathetic attitude of teachers towards the work of their associates; a better understanding by parents of the aims of teachers; and so more appreciation of efforts for the good of the pupil.

The teacher who realizes that the hopes and the ambitions of parents are centered supremely in their children, who is mindful of the fact that home life is made glad if the children succeed and are happy in school; or is made sad if the children fail and are unhappy there, is alive to the fact that upon the quality of her management home happiness as well as school happiness largely depends.

She realizes that the child who is dull, who is stubborn, or who is failing, is the one who most needs her, and so she strives in her school management to surround him by that atmosphere of good-will, helpfulness, and discipline against which dullness, stubbornness and failure cannot prevail.

In this connection it should be borne in mind that children must be required to work, and often to work hard, in the schools, and that it is the duty of the homes to sustain and support the teachers as they require the children to work and to adjust themselves to the reasonable demands of the schools. The life of the schools must not be made easy; for if a desire for ease and an attitude of mere receptivity obtain among the pupils we shall fail to train up a company of youth who will be fit a little later to assume the duties and responsibilities of maturity. If the schools are so training the young that they realize the joy there is in hard work, one of the main purposes for which they exist is being accomplished. For the school is succeeding in which earnest work and joy are united; but the school that requires hard work in such a way that in it there is no joy, is recording its own failure upon the faces and upon the lives of the children.

It is true that in our time most of the children are finding joy in their work.

CONCLUSION.

This report must not close without definite and grateful reference to a condition here which is believed to be without a parallel in school administration.

In September, 1905, Francis Cogswell retired from the official responsibilities that he had borne so long. Having served the city for twenty years as master of the Putnam School, and for thirty-one years as superintendent of schools, he asked to be relieved from the burdens of the work to which his life up to that time had been given.

Mr. Cogswell's resignation was accepted and his official connection with the schools came to an end, but his interest in them did not cease with his retirement from office. Such is the affection and the respect in which he is held by the teachers, and so helpful to the superintendent is his advice, that he has not been permitted to retire from active participation in the life of the schools.

He is still a welcome visitor to the schools, a valued counsellor of the present superintendent, and a helper of all who are engaged in the work of public education in Cambridge.

Mr. Cogswell's active interest in the schools since his retirement from office crowns again his fine career of public service.

I wish, finally, to express my appreciation of the support I have received from the school committee, the supervisors, the principals, the teachers, my associates in the office, and the people of Cambridge in my work in the schools.

Respectfully submitted,

WILLIAM C. BATES,
Superintendent of Public Schools.

In School Committee, February 21, 1907.

Ordered, That the report of the superintendent as read and outlined by him be accepted and adopted as the annual report of the school committee for 1906, and that the secretary be authorized to append the names of the members of the school committee thereto.

SANFORD B. HUBBARD,
Secretary.

Members of the School Committee for 1906.

CHARLES H. THURSTON, *Chairman ex officio.*

WARREN P. ADAMS.
GEORGE W. BICKNELL.
LAWRENCE G. BROOKS.
CAROLYN P. CHASE.
EDWIN L. CHENEY.
ADA R. KINSMAN.
EDWARD J. KRONAN.
SHERMAN R. LANCASTER.
JAMES A. LEW.
WILLIAM TAGGARD PIPER.
J. HENRY RUSSELL.
FRANK E. SANDS.
JOSEPH E. SHARKEY.
JOHN E. SOMERS.
ROBERT WALKER.

CITY CLERK'S REPORT OF FEES AND LICENSES

Office of the City Clerk,
December 1, 1906.

To the Honorable, the City Council of the City of Cambridge: —

The undersigned herewith presents an account of the sums received for fees and licenses during the year ending November 30, 1906.

Auctioneers' Licenses	$34 00
Pool, Bowling Alley and Billiard Licenses	90 00
Wagon and Carriage Licenses	257 00
Intelligence Office Licenses	48 00
Junk Store and Collectors' Licenses	1,042 00
Fees from Peddlers' Licenses	93 50
Recording Mortgages, Assignments, etc.	582 75
Marriage Certificates	641 00
Certified Copies from Records	144 75
Fees from Dog Licenses	488 20
Fees from Liquor Licenses	55 00
Fees from Fireworks Licenses	82 00
Sundries	64 90
Total	$3,623 10

The foregoing amount has been paid into the City Treasury.

The receipts from Dog Licenses have been $6,390.00. Of this amount, the City Clerk's fee (20 cents for each license issued), amounting to the sum of $487.20 is included in the above list of fees, and the balance, amounting to $5,902.80, has been paid the County Treasurer.

Respectfully submitted,

EDWARD J. BRANDON,
City Clerk.

REPORT OF INSPECTOR OF MILK

Office of Inspector of Milk,
Cambridge, December 1, 1906.

To His Honor, the Mayor, and the City Council of the City of Cambridge:—

Gentlemen:—In accordance with the provisions of Sect. 2, Chapter 15 of the Revised Ordinances of 1899, I have the honor to submit a report of the operations of the Milk Inspection Department for the year ending Nov. 30, 1906.

Five thousand samples of milk have been analyzed chemically for fats and for total solids. Samples in any way suggesting adulteration have been tested for preservatives, for added coloring matter or for added water as indicated.

The analytical results of this series follow in tabulated form:

1906 MONTH.	Seized Samples.	BELOW STANDARD.	PER CENT. BELOW STANDARD.	SOLIDS.					FAT.					SOLIDS NOT FAT.	Total Samples Analyzed.
		In Fat or Solids.	In Fat or Solids.	Highest.	Aver. above Sta'rd.	Lowest.	Aver. below Sta'rd.	Average of All Samples.	Highest.	Aver. above Sta'rd.	Lowest.	Aver. below Sta'rd.	Average of All Samples.	Average of All Samples.	
December..	390	228	58.5	14.70	13.33	11.32	12.64	12.93	5.6	4.17	2.0	3.66	3.87	9.06	405
January.....	378	267	70.6	17.56	13.74	11.34	12.60	12.91	7.6	4.30	2.6	3.63	3.83	9.08	411
February ...	395	311	78.7	15.82	13.44	11.28	12.60	12.78	6.8	4.15	2.4	3.48	3.62	9.16	413
March.......	397	291	73.3	15.92	13.43	11.28	12.58	12.80	7.0	4.12	2.1	3.52	3.68	9.12	417
April........	401	25	6.2	16.10	12.64	10.82	11.52	12.57	6.8	3.56	1.7	2.68	3.50	9.07	409
May.........	336	21	6.2	17.40	12.61	11.10	11.70	12.55	8.2	3.52	2.2	2.68	3.47	9.08	410
June	403	40	9.9	19.84	12.68	9.30	11.71	12.58	11.0	3.60	1.4	2.80	3.52	9.06	411
July.........	394	57	14.5	16.14	12.60	10.38	11.74	12.47	7.4	3.55	2.5	3.03	3.48	8.99	414
August	366	86	23.4	15.06	12.68	10.84	11.74	12.46	5.2	3.58	1.7	3.02	3.45	9.01	441
September ..	417	62	14.8	13.80	12.50	10.34	11.72	12.39	5.4	3.54	1.8	3.04	3.46	8.93	421
October	412	330	80.1	14.80	13.38	10.82	12.51	12.68	5.7	4.07	2.0	3.47	3.59	9.09	438
November...	413	313	75.7	15.20	13.34	11.30	12.55	12.74	5.8	4.09	2.6	3.57	3.70	9.04	441
Total	4,702	2,031	43.2	......	......	.....	......	......	....	....	....	....	....	...	5,031

Warnings have been issued to possessors of milk of decidedly inferior quality and ten cases have been prosecuted in court resulting in nine convictions with fines imposed aggregating $155.00.

In general, the milk supply of the city has averaged very well from the standpoint of chemical food value in fats and solids.

About 1000 bacterial counts of milk samples together with microscopic examinations of their centrifuged sediments have been made upon seizures chiefly from wagons.

The fluctuation in bacterial counts, in the types of organisms and in the presence of pus cells has been wide, and shows great need of systematic adequate inspection of dairies supplying this market.

In spite of the prevailing high price of ice during the summer months, there was a fairly general compliance with the ordinance requiring icing milk on wagons to ensure a temperature less than 50 degrees Fahrenheit during the hot summer months.

The work upon vinegar and butter has been and must be inadequate until a better laboratory is furnished this department. Proper ignition of samples of butter fat and vinegar residues cannot be made without an exhaust draught hood in which to remove the penetrating fumes which must now permeate the entire City Hall when such analysis are carried out.

This year 122 samples of butter and 90 samples of vinegar have been analyzed and found properly classified.

MODIFIED MILK.

Early in June one thousand dollars were appropriated by the City Council to cover any deficit in furnishing a clean pure milk to the infants of Cambridge at a reasonable price during the hot summer months.

A Commission advisory to your Milk Inspector was appointed by the Mayor, and consisted of Drs. W. D. Swan, F. W. Taylor, J. P. Fair, Messrs. J. P. Russell and Archibald M. Howe.

This Commission furnished valuable advice and brought into cooperation with the enterprise the Cambridge School of Nursing to prepare the modified milk, and secondly the Visiting Nurses Association who should dispense the milk and give hygienic advice to mothers. Toward the end of May, the Cambridge Medical Improvement Society had appointed a Milk Commission, which stood ready to give their certification to such farms as would produce milk under sanitary conditions prescribed by the society, and guarantee milk which would meet certain laboratory standards fixed both chemically to ensure food value and bacterially to ensure cleanliness and proper cooling in the production and after care of the milk.

The only farm then preparing to meet their requirements was the Cedar Hill Farm of Waltham. Except for the hearty co-operation of Miss Cornelia Warren, the proprietress, in ensuring conditions which would guarantee a reliable and uniform milk supply during the hot spells, the uniformly good results from our infant feeding would not have been possible.

On the fifth day of July the enterprise started with four infants, but the number increased rapidly to about 125 daily customers by August 1st. During the summer a total of over 30,000 bottles were sold to parents of 215 infants. In this exceptionally hot, humid summer, when intestinal affections were unusually numerous among both young and old, the reports of our District Nurses show that there were fewer cases of intestinal complaints among infants than in any summer since their duties began.

Furthermore the following table, showing the mortality among infants with the causes of fatality plotted for the three summer months for each of the past five years, shows that this summer's fatalities from intestinal complaints have been 16 per cent. less than the average of the past five years : —

	1901			1902			1903			1904			1905			1906		
	July.	Aug.	Sept.	July.	Aug.	Sept.	July.	Aug.	Sept.	July.	Aug.	Sept.	July.	Aug.	Sept.	July.	Aug	Sept.
Acute Enteric Diseases, 0–1 year	15	32	14	22	23	13	18	23	20	13	22	20	28	23	13	14	20	17
1–5 years	5	8	0	4	4	3	2	3	1	4	3	4	3	1	0	3	6	2
Still-births	13	11	13	16	10	12	12	13	12	8	13	11	12	9	8	10	14	12
Lung Affections, 0–1 year	4	2	2	1	2	3	5	1	1	1	1	6	1	1	6	4	2	5
1–5 years	4	5	2	2	4	3	3	1	1	2	3	3	2	6	0	5	4	6
Heart Affections, 0–1 year	1	..	..	..	..	1	0	0	1	..	..	..	..	0	1	1	1	..
1–5 years	0	..	..	..	..	0	1	1	0	..	..	..	..	1	0	0	0	..
Trauma, 0–1 year	..	..	..	..	1	..	..	..	0	0	..	..	0	..	1	0	..	..
1–5 years	..	..	..	..	0	..	..	..	1	1	..	..	1	..	1	2	..	..
Cerebral Trauma, 0–1 year	1	4	1	2	3	0	0	2	0	..	0	1	2	2	3	0	1	0
1–5 years	2	0	3	2	2	1	1	2	3	..	4	4	2	1	0	2	0	1
Blood Affections, 0–1 year	0	..	..	0	..	..	0	1	1	..	..	..	..	..	..	1	1	1
1–5 years	1	..	..	1	..	..	2	0	0	..	..	..	..	..	..	0	0	1
Inanition, 0–1 year	2	11	13	6	4	11	6	9	9	1	5	6	6	10	16	7	10	12
1–5 years	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1
Acute Contagious Diseases, 0–1 year	..	..	..	..	..	0	1	1	1	..	..	..	0	0	0	0	..	0
1–5 years	..	..	..	..	..	1	2	0	2	..	..	..	1	1	4	1	..	1
Convulsions, 0–1 year	1	..	0	0	0	1	..	..	..	..	..	..	1	..	..	1	..	..
1–5 years	2	..	2	4	1	0	..	..	..	..	..	..	0	..	..	0	..	..
Poisoning, 0–1 year	0	..	0	1	..	..	..	..	..	0	..	..	..	..	..	..	0	1
1–5 years	1	..	1	0	..	..	..	..	..	1	..	..	..	..	..	..	1	0
Peritonitis, 0–1 year	..	..	..	..	1	..	..	..	..	1	..	.	..	..	..	..	..	..
1–5 years	..	..	..	..	0	..	..	..	..	0	..	..	..	..	..	..	..	..
Kidney Affections, 0–1 year	..	..	..	..	0	..	..	..	1	..	..	..	..	..	..	..	..	..
1–5 years	..	..	..	..	1	..	..	..	0	..	..	..	..	..	..	..	..	..
Liver Affections, 0–1 year	0	..	..	..	..	..	1	..	..	0	0	..	1	..	..	..	..	..
1–5 years	1	..	..	..	..	..	0	..	..	1	1	..	1	..	..	..	..	..

There has been a very general appreciation of this type of preventive medicine by parents, doctors and the clergy of our city.

Respectfully submitted,

ALBERT P. NORRIS, M. D.,
Inspector of Milk.

APPENDIX

ORDINANCES

PASSED BETWEEN FEBRUARY 21, 1906, AND MARCH 25, 1907, AND AMENDMENTS TO STANDING REGULATIONS OF BOARD OF ALDERMEN.

An Ordinance in Amendment of an Ordinance Entitled "Auditing."

Be it ordained by the City Council of the City of Cambridge as follows:—

Section 14 of Chapter 4 of the Revised Ordinances of 1892, as amended to November 8, 1899, and further amended by an ordinance approved December 30, 1903, is hereby amended by adding the following: —

"Annually in the month of January, and at other times when requested by the Mayor, the Auditor shall make a written report to the mayor of all unfinished contracts in his possession made with the City, other than contracts made by any department or board, and of the existing condition of each contract."

As amended this section will read as follows:—

Section 14. It shall be the duty of the Auditor to examine once a year, or as often as the Committee on Accounts may direct, the books, records and accounts of the several departments and executive boards, and make his recommendations to the committee of such modifications, improvements or changes as may be deemed necessary for a proper accounting and interlocking of such accounting by all the departments and executive boards, with the books and accounts of the Auditing Department; and by request of this Committee, and with the approval of the Mayor, it shall be his duty, and he shall have the authority to order and govern the installation of such modifications, improvements or changes.

Annually in the month of January, and at other times when requested by the Mayor, the Auditor shall make written report to the Mayor of all unfinished contracts in his possession, made with the City, other than contracts made by any department or board, and of the existing condition of each contract. [*In force, June* 11, 1906.

An Ordinance In Amendment of an Ordinance Entitled "City Electrical Department."

Be it ordained by the City Council of the City of Cambridge as follows:—

Section 18 of Chapter 14 of the Revised Ordinances of 1892, as amended to November 8, 1899, is hereby amended by adding at the end of the second sentence after the words "planed and chamfered," the words "or round chestnut poles — straight, smooth shaven, free from blemishes, and painted and of such quality of material and construction as the Board of Aldermen in each case, and permits given therefor, shall determine.

Before any poles are set or reset, or any permits given therefor, they must be inspected and approved by the Superintendent of Streets and the City Electrician.

The person or persons to whom permits are granted shall keep the poles painted to the satisfaction of the City Electrician."

As amended this section will read as follows: —

SECTION 18. All poles in sidewalks shall be set upon the outer edge thereof, and wherever there are curbstones, placed within four inches of the inner edge of the curbstones. Poles for telegraph, telephone and electric light lines shall be of hard pine, square at the surface of the ground and planed and chamfered, or round chestnut poles — straight, smooth shaven, free from blemishes, and painted and of such quality of material and construction as the Board of Aldermen in each case, and permits given therefor, shall determine.

Before any poles are set or reset, or any permits given therefor, they must be inspected and approved by the Superintendent of Streets and the City Electrician.

The person or persons to whom permits are granted shall keep the poles painted to the satisfaction of the City Electrician.

Poles for support of trolley, guard, span or feed wires of the street railway system shall be cyclindrical iron poles, unless ordered by the Board of Aldermen. [*Approved June* 28, 1906.

AN ORDINANCE IN AMENDMENT OF AN ORDINANCE ENTITLED "DUTIES AND SALARIES," RELATIVE TO THE SALARY OF THE CITY MESSENGER.

Be it ordained by the City Council of the City of Cambridge, as follows: —

Section 30 of Chapter 28 of the Revised Ordinances of 1892, as amended to November 8, 1899, and as further amended July 8, 1904, is hereby amended in the line relating to the salary of the City Messenger by striking out the figures 1,200 and inserting in place thereof the figures 1,400.

As amended this line will read: —

City Messenger $1,400.00

[*Approved December* 28, 1906.

An Ordinance in Amendment of an Ordinance Entitled "Duties and Salaries."

Be it ordained by the City Council of the City of Cambridge, as follows: —

Section 30 of Chapter 28 of the Revised Ordinances of 1892, as amended to November 8, 1899, is hereby amended in the seventh line thereof by striking out the figures 1,400.00 and inserting in place thereof the figures 1,600.00.

As amended the line will read as follows: —

Assistant City Clerk	$1,600.00

[*Approved January* 5, 1907.

REGULATIONS OF THE BOARD OF ALDERMEN,

January 1, 1906, to March 25, 1907.

In Board of Aldermen, May 29, 1906.

Ordered:—

That the regulations of the Board of Aldermen, under the heading of "Salaries of Certain Officers," be and hereby is amended after the words "Chief of Police," by striking out the figures $2,000.00 and inserting in their place the figures $2,500.00. Also by adding under the same heading after the second paragraph relating to the length of service of patrolmen, the following:—

"The salary of the Chief of Police shall be inclusive of the cost of furnishing and maintaining a horse and carriage or other vehicle for his use." [*Approved June* 1, 1906.

In Board of Aldermen, July 31, 1906.

Ordered:—

That the Standing Regulations of the Board of Aldermen, relative to the granting of licenses of various kinds, are hereby amended by adding the following:—

Liquor Licenses.

Every person to whom a sixth class liquor license is granted shall receive it on the following conditions: That he shall keep a book showing the kind, quantity and date of receipt of all intoxicating liquors kept by them for sale, with the name of the person from whom same liquor was purchased, the name of the person who delivered it, and the name of the carrier by whom he was employed; and that all books, bills, orders or receipts showing the purchase or delivery of such liquors shall be produced on request of any officer or person authorized to examine their books of sales of liquor.

All applications for such licenses shall contain an assent by the applicant to the above conditions; and any failure to perform the conditions or either of them, shall be taken by the Board of Aldermen as *prima facie* evidence of violation of the conditions of the license, and shall justify the revocation thereof. [*Approved August* 3, 1906.

In Board of Aldermen, January 29, 1907.

Ordered: —

That the Standing Regulation of the Board of Aldermen entitled "Use of Streets by Vehicles" be amended in Section 8 thereof, by striking out the words "for every license so granted and" in the second line thereof, and by inserting after the word "stand" in the third line thereof the following words to wit: "and for a hackney carriage. He shall likewise receive a fee of fifty cents for a license to a driver of a hackney carriage." Also by striking out the word "and" in said third line and inserting in place thereof the word "He." As amended said section shall read as follows: —

Section 8. The City Clerk shall receive for the use of the City the fee of one dollar for every license granted for a wagon stand, and for a hackney carriage. He shall likewise receive a fee of fifty cents for a license to a driver of a hackney carriage. He shall keep a record of the same and of licenses granted. [*Approved February* 27, 1907.

MAYORS OF THE CITY OF CAMBRIDGE

(From 1846 to 1906 Inclusive.)

James D. Green . . .	From May, 1846,	to April, 1848
Sydney Willard . . .	“ April, 1848,	to April, 1851
George Stevens . . .	“ April, 1851,	to April, 1853
James D. Green . . .	“ April, 1853,	to April, 1854
*Abraham Edwards . .	“ April, 1854,	to January, 1855
Zebina L. Raymond . .	“ January, 1855,	to January, 1856
John Sargent . . .	“ January, 1856,	to January, 1860
†James D. Green . . .	“ January, 1860,	to July 24, 1861
‡Charles Theo. Russell . .	“ July 31, 1861,	to January, 1863
George C. Richardson . .	“ January, 1863,	to January, 1864
Zebina L. Raymond . .	“ January, 1864,	to January, 1865
J. Warren Merrill . .	“ January, 1865,	to January, 1867
Ezra Parmenter . . .	“ January, 1867,	to January, 1868
Charles H. Saunders . .	“ January, 1868,	to January, 1870
Hamlin R. Harding . .	“ January, 1870,	to January, 1872
Henry O. Houghton . .	“ January, 1872,	to January, 1873
Isaac Bradford . . .	“ January, 1873,	to January, 1877
Frank A. Allen . . .	“ January, 1877,	to January, 1878
Samuel L. Montague . .	“ January, 1878,	to January, 1880
James M. W. Hall . .	“ January, 1880,	to January, 1881
James A. Fox . . .	“ January, 1881,	to January, 1885
William E. Russell . .	“ January, 1885,	to January, 1889
Henry H. Gilmore . .	“ January, 1889,	to January, 1891
Alpheus B. Alger . .	“ January, 1891,	to January, 1893
William A. Bancroft . .	“ January, 1893,	to January, 1897
Alvin F. Sortwell . .	“ January, 1897,	to January, 1899
Edgar R. Champlin . .	“ January, 1899,	to January, 1901
David T. Dickinson . .	“ January, 1901,	to January, 1902
John H. H. McNamee . .	“ January, 1902,	to January, 1904
Augustine J. Daly . .	“ January, 1904,	to January, 1906
Charles H. Thurston . .	“ January, 1906,	to January, 1907
Walter C. Wardwell . .	“ January, 1907,	

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*Municipal year changed. †Resigned. ‡First elected by the City Council.

PRESIDENTS OF THE BOARD OF ALDERMEN

1888	Edward W. Hincks.
1889	John H. Corcoran.
1890	Alvin F. Sortwell.
1891	William A. Bancroft.
1892	William A. Bancroft.
1893	John R. Fairbairn.
1894	John G. Thorogood.
1895	John R. Fairbairn.
1896	John R. Fairbairn.
1897	Russell Bradford.
1898	Russell Bradford.
1899	Walter C. Wardwell.
1900	Walter C. Wardwell.
1901	George E. Saunders.
1902	James F. Aylward.
1903	*John W. Coveney. Timothy W. Good.
1904	John W. Coveney.
1905	J. Edward Barry.
1906	Charles H. Lake.
1907	Charles H. Lake.

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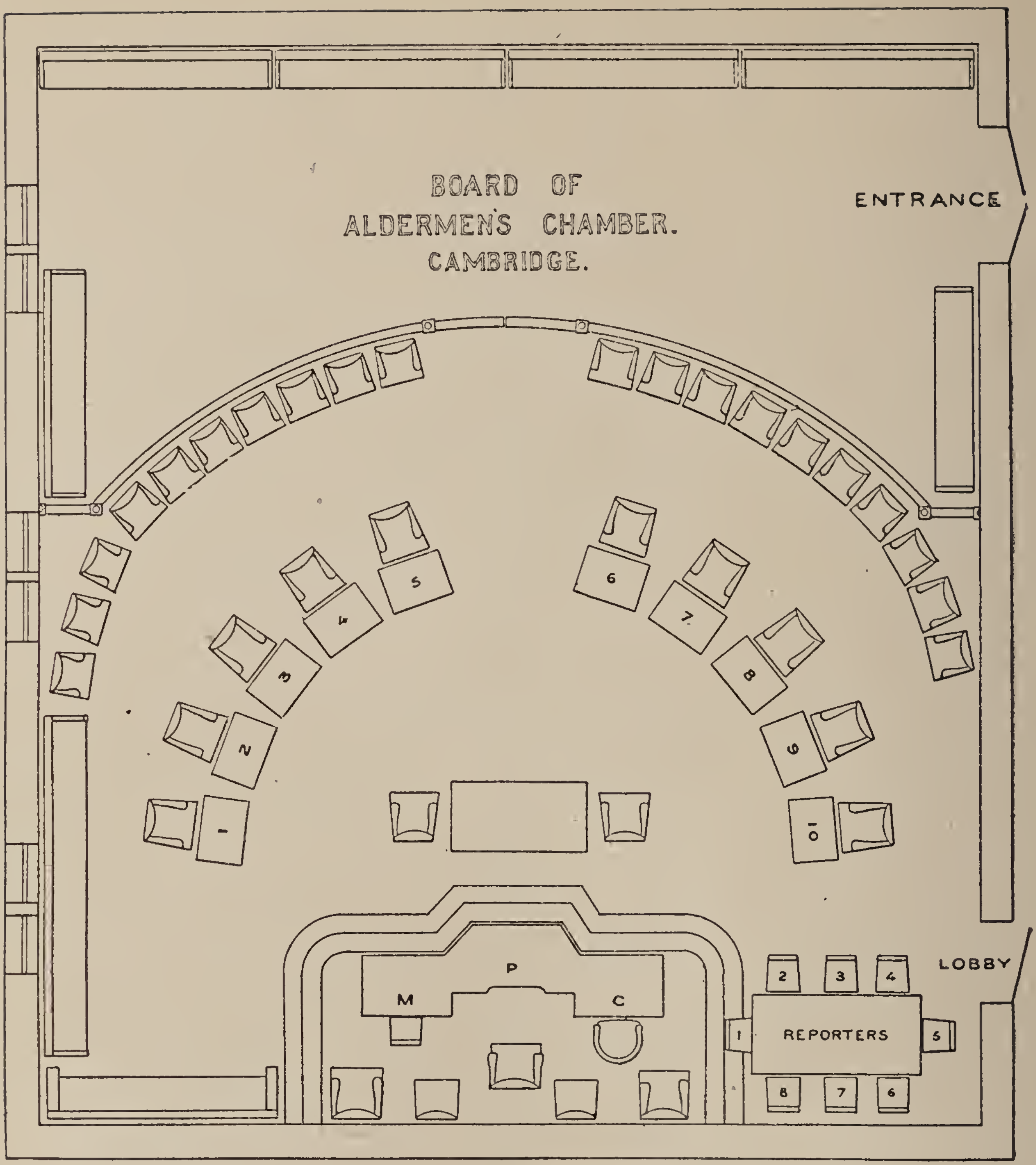
*John W. Coveney resigned March 10, 1903, and Timothy W. Good elected to the vacancy.

PRESIDENTS OF THE COMMON COUNCIL

1846	Isaac Livermore.
1847	John Sargent.
1848	John C. Dodge.
1849	Samuel P. Heywood.
1850	Samuel P. Heywood.
1851	John S. Ladd.
1852	John Sargent.
1853	John Sargent.
1854	John C. Dodge.
1855	Alanson Bigelow.
1856	Ezra Ripley. Resigned Jaunary 31.
1856	George S. Saunders. Elected January 31.
1857	George S. Saunders.
1858	James C. Fisk.
1859	James C. Fisk.
1860	Hamlin R. Harding.
1861	Hamlin R. Harding.
1862	Jared Shepard. Resigned September 17.
1862	Knowlton S. Chaffee. Elected September 24.
1863	George S. Saunders.
1864	George S. Saunders.
1865	John S. March.
1866	John S. March.
1867	Marshall T. Bigelow.
1868	Knowlton S. Chaffee. Resigned February 4.
1868	Henry W. Muzzey. Elected February 4.
1869	Henry W. Muzzey.
1870	Joseph H. Converse.
1871	Joseph H. Converse.
1872	Alvaro Blodgett.
1873	Alvaro Blodgett. Resigned June 17.
1873	Francis H. Whitman. Elected June 17.
1874	George F. Piper.
1875	George F. Piper.
1876	Frank A. Allen.
1877	Perez G. Porter.
1878	George S. Saunders.
1879	George S. Saunders.
1880	Charles Walker.
1881	Charles Walker.
1882	George H. Howard.
1883	George H. Howard.
1884	George H. Howard.
1885	Cornelius G. H. Bennink.
1886	John H. Corcoran.
1887	John H. Corcoran.
1888	Alvin F. Sortwell.
1889	Edward A. Bingham.
1890	Edward A. Bingham.
1891	Edward C. Wheeler.
1892	Herbert A. Chase.
1893	J. Henry Russell.
1894	Charles M. Conant.
1895	John L. Odiorne.
1896	John L. Odiorne.
1897	Albert S. Apsey.
1898	George E. Saunders.
1899	William F. Brooks.
1900	John D. Merrill.
1901	John D. Merrill.
1902	Thorndike Spalding.
1903	Edward E. Clark.
1904	Harry N. Stearns.
1905	George A. Giles.
1906	George A. Giles.
1907	Henry C. Stetson.



KEY TO BOARD OF ALDERMEN'S CHAMBER
CAMBRIDGE, 1907

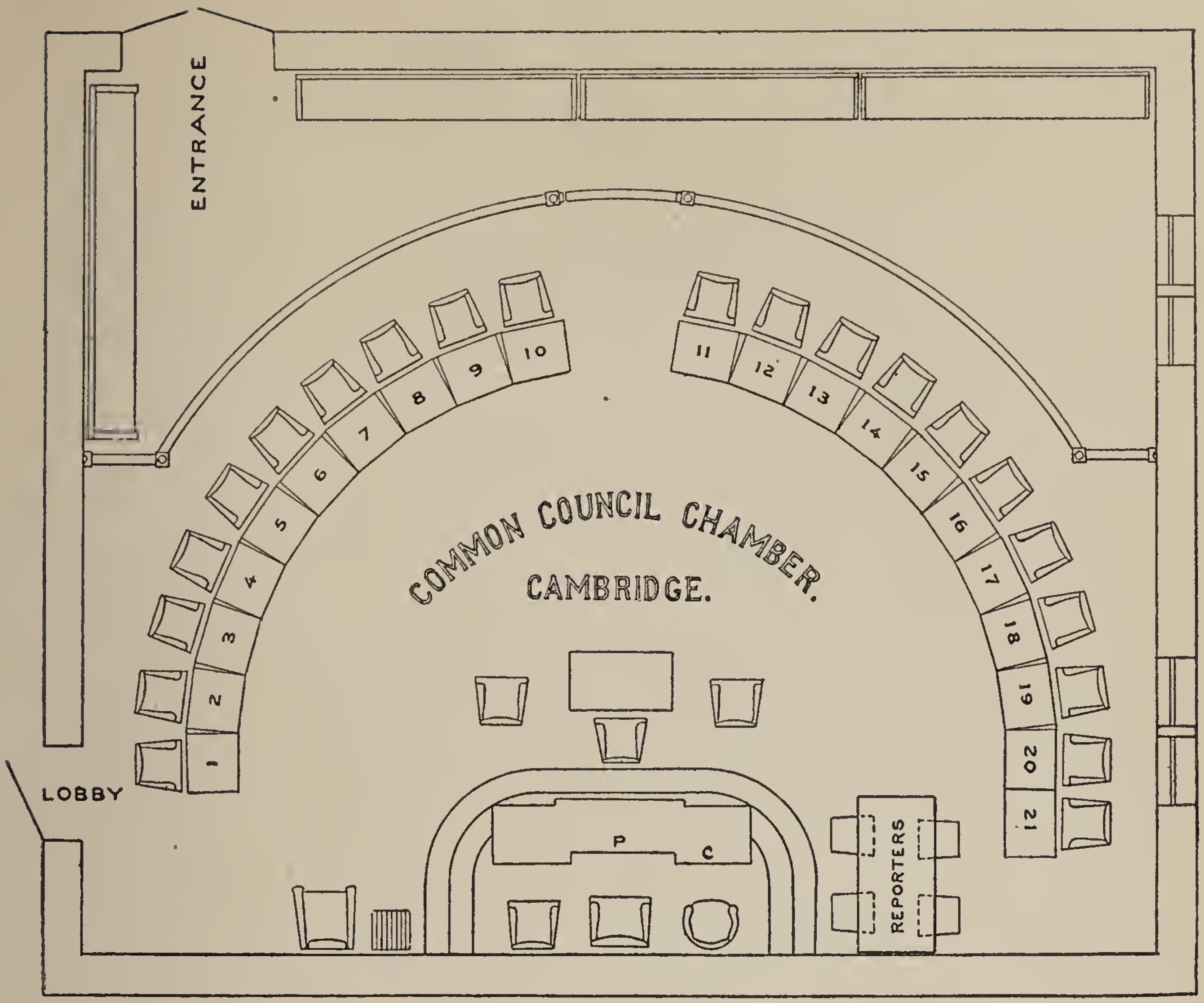
P—Charles H. Lake, *President*

1 Alderman Beale.
2 " Allen.
3 " Stephens.
4 " Crane.
5 " Dow.
C—Edward J. Brandon, *City Clerk.*

6 Alderman Henderson.
7 " Brownell.
8 " Blanchard.
9 " Penniman.
10 " Clary.
M—Frank T. Evans, *City Messenger.*

Reporters

1 John B. Whoriskey, Boston Globe.
2 J. Lee Robinson, Cambridge Tribune
3 James W. Bean, Boston Herald and Cambridge Chronicle.
4 Louis F. Conant, Boston Advertiser, Record and Post.
5 Henry J. Mahoney, Cambridge Sentinel.



KEY TO COMMON COUNCIL CHAMBER

CAMBRIDGE, 1907

P—Henry C. Stetson, *President*

1	Councilman	Sullivan.	11	Councilman	Chamberlain.
2	“	O'Connell.	12	“	Lawson.
3	“	Casey.	13	“	Ryan.
4	“	Quilty.	14	“	Mullen.
5	“	Hurley.	15	“	Moreland.
6	“	Murphy.	16	“	Beane.
7	“	Higgins.	17	“	Jones.
8	“	Lincoln.	18	“	Hunter.
9	“	Dunn.	19	“	Bolster.
10	“	Dodge.	20	“	Conant.

21 Councilman Winslow.

C—Edward A. Counihan, *Clerk*.

William E. McAnaul, *Page*.

Reporters

Philip R. Ammidon, Cambridge Chronicle.

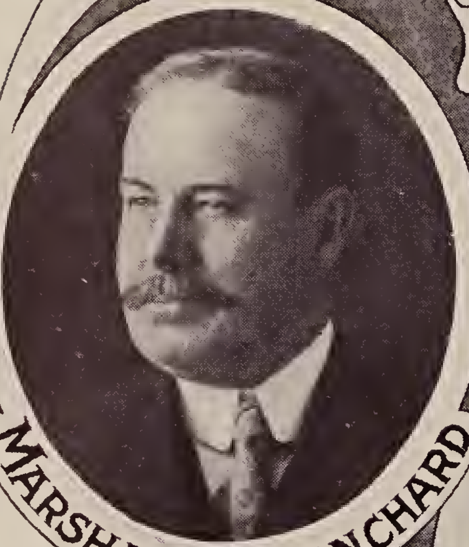
Daniel J. Toomey, Cambridge Sentinel.

ARTHUR R. HENDERSON

JOSEPH H. BEALE JR.

GEORGE L. DOW

1907 BOARD OF ALDERMEN CAMBRIDGE

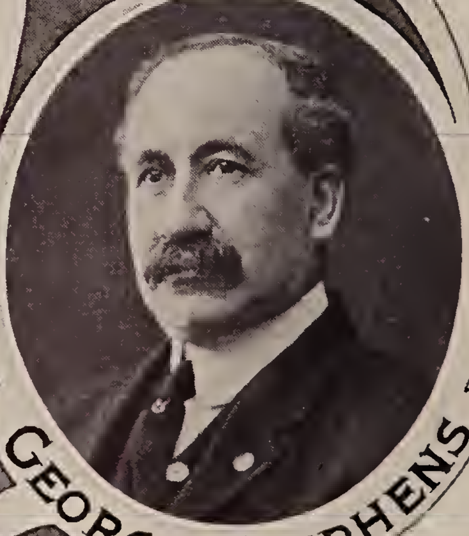


MARSHALL F. BLANCHARD

HARLOW C. BROWNELL

CHARLES H. LAKE
PRESIDENT

JOHN ALLEN



GEORGE STEPHENS

OLIVER D. CLARY

RUSSELL D. CRANE

HARRY A. PENNIMAN

GOVERNMENT OF THE CITY OF CAMBRIDGE, 1907

Mayor

WALTER C. WARDWELL, 465 Broadway.

Board of Aldermen

President.

CHARLES H. LAKE.

John Allen	42 Second Street	Ward	1
Joseph H. Beale, Jr.	29 Chauncy Street	“	9
Marshall F. Blanchard	159 Upland Road	“	10
Harlow C. Brownell	24 Fairfield Street	“	11
Oliver D. Clary	103 Otis Street	“	2
Russell D. Crane	162 Lakeview Avenue	“	9
George L. Dow	367 Harvard Street	“	8
Arthur R. Henderson	318 Franklin Street	“	7
Charles H. Lake	21 Ellery Street	“	8
Harry A. Penniman	356 Pearl Street	“	6
George Stephens	53 Ellery Street	“	8

Clerk.

Edward J. Brandon.

Messenger.

Frank T. Evans.

Regular meetings on Tuesday Evenings at 8 o'clock.

Common Council

President.

HENRY C. STETSON.

Arthur E. Beane	9 Ellery Street	Ward	8
Percy N. Bolster	28 Banks Street	"	8
Joseph M. Casey	5 Cedar Square	"	11
Albert H. Chamberlain	20 Ellsworth Avenue	"	5
Louis F. Conant	22 Traymore Street	"	10
Winslow Herbert Dodge	132 Columbia Street	"	4
Alexander Dunn	19 Perry Street	"	7
Richard F. Higgins	40 Inman Street	"	5
Robert W. Hunter	11 Buena Vista Park	"	10
Dennis F. Hurley	22 Marion Street	"	3
Thomas T. Jones	278 Broadway	"	4
John V. W. Lawson	176 Pleasant Street	"	7
Frederick A. Lincoln	22 Lake Street	"	6
Jesse W. Moreland	159 Mt Auburn Street	"	9
Hugh E. Mullen	104 Thorndike Street	"	2
Charles F. Murphy	43 Harding Street	"	3
Daniel F. O'Connell	199 Vine Street	"	1
Joseph Pierce Quilty	19 Woodbridge Street	"	11
Thomas Ryan	44 Ninth Street	"	2
Henry C. Stetson	128 Brattle Street	"	9
Joseph A. Sullivan	155 Bridge Street	"	1
Henry J. Winslow	152 Magazine Street	"	6

Clerk.

Edward A. Counihan.

Page.

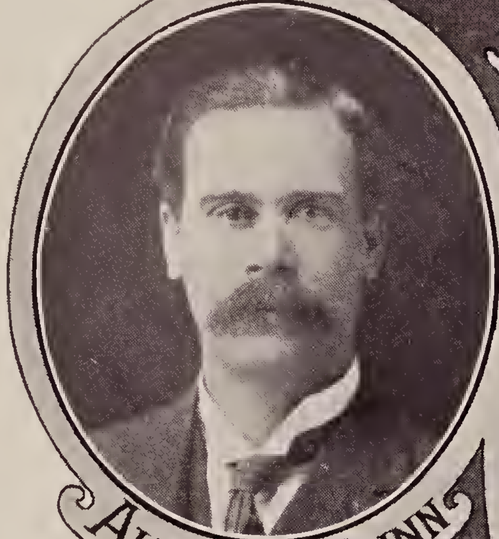
William E. McAnaul.

Regular Meetings on Tuesday Evenings at 8 o'clock.

Thomas Ryan

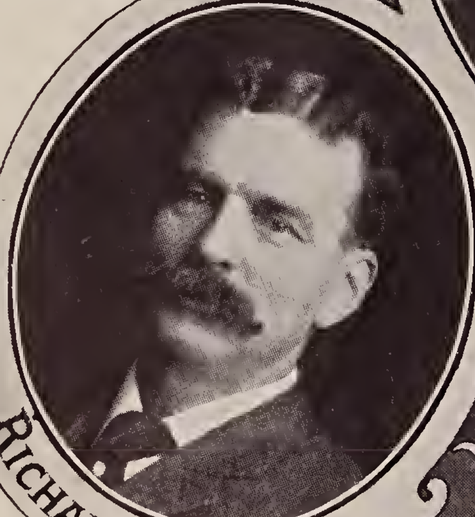
Henry J. Winslow

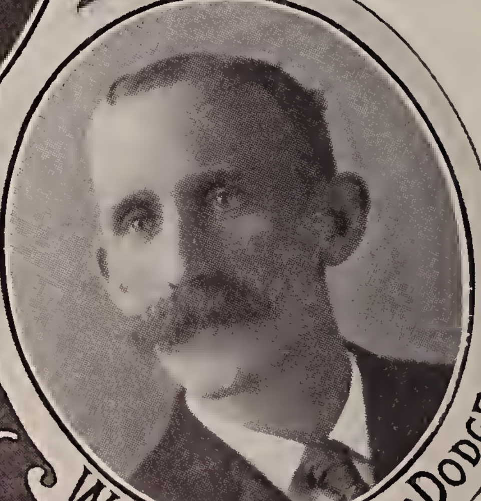
Louis F. Conant


Alexander Dunn

Henry C. Stetson
President

Joseph M. Casey

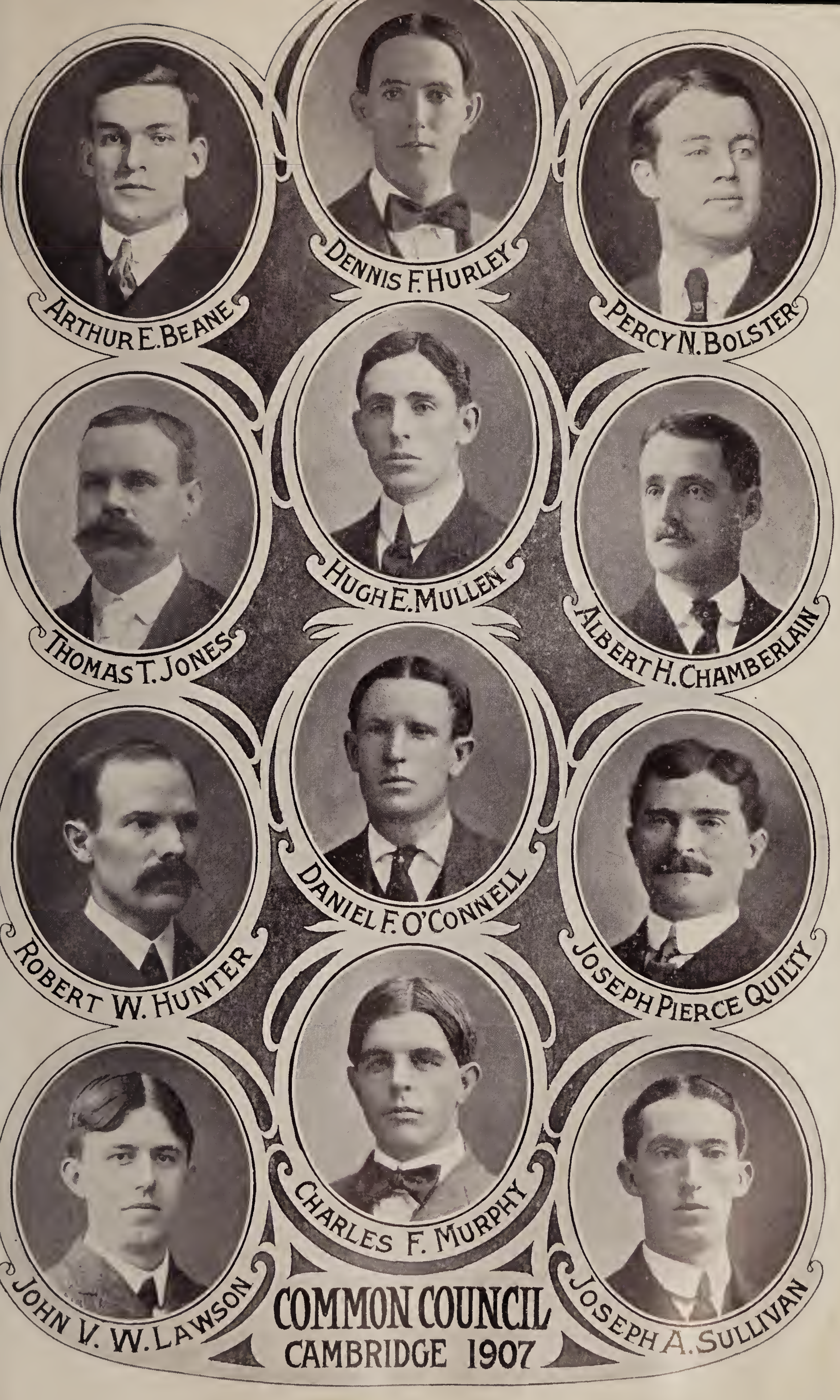

Richard F. Higgins


Winslow Herbert Dodge

COMMON COUNCIL
CAMBRIDGE
1907

Jesse W. Moreland

Frederick A. Lincoln



COMMON COUNCIL
CAMBRIDGE 1907

JOINT STANDING COMMITTEES OF THE CITY COUNCIL

Accounts. Aldermen Crane and Henderson; Councilmen Casey, Higgins and Ryan.

Assessors' Department. Aldermen Henderson and Dow; Councilmen O'Connell and Mullen.

City Engineering. Aldermen Crane and Penniman; Councilmen, Murphy, Jones and Hurley.

City Home. Aldermen Stephens and Brownell; Councilmen Bolster, Lincoln and Mullen.

Claims. President Lake, Aldermen Beale, Stephens and Crane; President Stetson, Councilmen Lawson, Conant, Dodge, Moreland and Lincoln.

Finance. President Lake, Aldermen Dow, Blanchard and Henderson; President Stetson, Councilmen Dunn, Hunter, Chamberlain, Winslow and Quilty.

Fire Department. Aldermen Penniman and Clary; Councilmen Dodge, Lawson and Chamberlain.

Health. Aldermen Stephens and Blanchard; Councilmen Quilty, Jones and Conant.

Highways. Aldermen Blanchard, Clary and Stephens; Councilmen Dunn, Casey, Hurley and Higgins.

Legal Matters. Aldermen Beale and Henderson; Councilmen Winslow, Lawson, Beane.

Legislative Matters. President Lake, Aldermen Beale, Brownell and Allen; President Stetson, Councilmen Ryan, O'Connell, Winslow, Conant and Mullen.

Ordinances. Aldermen Penniman and Stephens; Councilmen Chamberlain, Hunter and Moreland.

Parks. Aldermen Stephens and Penniman; Councilmen Dodge, Bolster and Ryan.

Printing. Aldermen Brownell and Beale; Councilmen Moreland, O'Connell and Hurley.

Public Property. Aldermen Henderson and Crane; Councilmen Winslow, Beane and Ryan.

Public Instruction. Aldermen Beale and Dow; Councilmen Higgins, Hurley and Moreland.

Rules and Orders. Aldermen Clary and Blanchard; Councilmen Beane, Quilty and Dunn.

Water Supply. Aldermen Beale and Henderson; Councilmen Quilty, Beane and Conant.

Wires and Lamps. Aldermen Allen and Brownell; Councilmen Lawson, Casey and Bolster.

STANDING COMMITTEES OF THE BOARD OF ALDERMEN.

Bonds. Aldermen Henderson, Beale and Dow.

Cemeteries. Aldermen Allen, Dow and Crane.

Claims. President Lake, Aldermen Beale, Stephens and Crane.

Elections and Returns. Aldermen Stephens, Blanchard and Allen.

Fire Department. Aldermen Penniman, Clary and Brownell.

Health. Aldermen Stephens, Blanchard and Dow.

Highways. Aldermen Blanchard, Clary and Stephens.

Licenses. Aldermen Crane, Blanchard and Stephens.

Parks. Aldermen Stephens and Penniman.

Police. Aldermen Brownell, Dow and Blanchard.

Rules and Orders. Aldermen Clary, Blanchard and Beale.

Sewers. Aldermen Henderson, Clary and Dow.

Soldiers' Aid. President Lake, Aldermen Clary, Penniman, Henderson and Crane.

Street Railways. Aldermen Blanchard, Beale and Clary.

JOINT SPECIAL COMMITTEES.

Matters Referred from Last City Council. Aldermen Henderson, Crane and Stephens; Councilmen Lawson, Bolster, Jones, Dodge, and Casey.

Mayor's Inaugural Address. Aldermen Allen and Brownell; Councilmen Hunter, Dodge and Moreland.

New Cambridge Bridge. Aldermen Blanchard and Henderson; Councilmen Murphy, Mullen and Lincoln.

Amendments to City Charter. President Lake, Aldermen Beale, Dow and Allen; President Stetson, Councilmen Hunter, Chamberlain, Quilty, Higgins and Beane.

Rapid Transit. President Lake, Aldermen Penniman and Clary; President Stetson, Councilmen O'Connell, Jones and Dunn.

Building Commission. President Lake, Aldermen Brownell and Beale; President Stetson and Councilmen Chamberlain, O'Connell, Lincoln and Quilty.

Municipal Ice House. Aldermen Henderson, Beale and Clary; Councilmen Casey, Hunter, Dodge and Higgins.

SPECIAL COMMITTEES OF THE BOARD OF ALDERMEN.

Matters Referred from Last Board of Aldermen. Aldermen Clary, Allen and Crane.

STANDING COMMITTEES OF THE COMMON COUNCIL.

Bills in Second Reading. Councilmen Hurley, Jones and Ryan.

Elections and Returns. Councilmen Hunter, Ryan and Lincoln.

Enrolled Ordinances. Councilmen Conant, Dunn and Beane.

COMMITTEE APPOINTMENTS OF MEMBERS OF THE CITY COUNCIL.

President Lake. Claims, Finance, Legislative Matters, Soldiers' Aid, Amendments to City Charter, Rapid Transit, Building Commission.

Alderman Allen. Legislative Matters, Wires and Lamps, Cemeteries, Elections and Returns, Mayor's Inaugural Address, Amendments to City Charter, Matters referred from last Board of Aldermen.

Alderman Beale. Claims, Legal Matters, Legislative Matters, Printing, Public Instruction, Water Supply, Bonds, Street Railways, Rules and Orders (Standing), Amendments to City Charter, Building Commission, Municipal Ice House.

Alderman Blanchard. Finance, Health, Highways, Rules and Orders, Elections and Returns, Licenses, Police, Street Railways, New Cambridge Bridge.

Alderman Brownell. City Home, Legislative Matters, Printing, Wires and Lamps, Fire Department (Standing), Police, Mayor's Inaugural Address, Building Commission.

Alderman Clary. Fire Department, Highways, Rules and Orders, Municipal Ice House, Sewers, Soldiers' Aid, Street Railway, Rapid Transit, Matters referred from last Board of Aldermen.

Alderman Crane. Accounts, City Engineering, Claims, Public Property, Cemeteries, Licenses, Soldiers' Aid, Matters referred from last City Council, Matters referred from last Board of Aldermen.

Alderman Dow. Assessors' Department, Finance, Public Instruction, Bonds, Cemeteries, Health (Standing), Police, Sewers, Amendments to City Charter.

Alderman Henderson. Accounts, Assessors' Department, Finance, Legal Matters, Public Property, Water Supply, Bonds, Sewers, Soldiers' Aid, Matters referred from last City Council, New Cambridge Bridge, Municipal Ice House.

Alderman Penniman. City Engineering, Fire Department, Ordinances, Parks, Soldiers' Aid, Rapid Transit.

Alderman Stephens. City Home, Claims, Health, Highways, Ordinances, Parks, Elections and Returns, Licenses, Matters referred from last City Council.

President Stetson. Claims, Finance, Legislative Matters, Amendments to City Charter, Rapid Transit, Building Commission.

Councilman Beane. Legal Matters, Public Property, Rules and Orders, Water Supply, Amendments to City Charter, Enrolled Ordinances.

Councilman Bolster. City Home, Parks, Wires and Lamps, Matters referred from last City Council.

Councilman Casey. Accounts, Highways, Wires and Lamps, Matters referred from last City Council, Municipal Ice House.

Councilman Chamberlain. Finance, Fire Department, Ordinances, Amendments to City Charter, Building Commission.

Councilman Conant. Claims, Health, Legislative Matters, Water Supply, Enrolled Ordinances.

Councilman Dodge. Claims, Fire Department, Parks, Matters referred from last City Council, Mayor's Inaugural Address, Municipal Ice House.

Councilman Dunn. Finance, Highways, Rules and Orders, Rapid Transit, Enrolled Ordinances.

Councilman Higgins. Accounts, Highways, Public Instruction, Amendments to City Charter, Municipal Ice House.

Councilman Hunter. Finance, Ordinances, Mayor's Inaugural Address, Amendments to City Charter, Municipal Ice House, Elections and Returns.

Councilman Hurley. City Engineering, Highways, Printing, Public Instruction, Bills in Second Reading.

Councilman Jones. City Engineering, Health, Matters referred from last City Council, Rapid Transit, Bills in Second Reading.

Councilman Lawson. Claims, Fire Department, Legal Matters, Wires and Lamps, Matters referred from last City Council.

Councilman Lincoln. City Home, Claims, New Cambridge Bridge, Building Commission, Elections and Returns.

Councilman Moreland. Claims, Ordinances, Printing, Public Instruction, Mayor's Inaugural Address.

Councilman Mullen. Assessors' Department, City Home, Legislative Matters, New Cambridge Bridge.

Councilman Murphy. City Engineering, New Cambridge Bridge.

Councilman O'Connell. Assessors' Department, Legislative Matters, Printing, Rapid Transit, Building Commission.

Councilman Quilty. Finance, Health, Rules and Orders, Water Supply, Amendments to City Charter, Building Commission.

Councilman Ryan. Accounts, Legislative Matters, Parks, Public Property, Bills in Second Reading, Elections and Returns.

*Councilman Sullivan.**

Councilman Winslow. Finance, Legal Matters, Legislative Matters, Public Property.

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* Resigned from Committees.

DEPARTMENTS AND BOARDS

EXECUTIVE DEPARTMENT.

Walter C. Wardwell . . . . *Mayor.*
Edward A. Counihan . . . *Mayor's Clerk.*
Office Hours : 8 A.M. to 4 P.M.
Office, Rooms 17 and 18, City Hall. Telephone 463.

CITY CLERK DEPARTMENT.

Edward J. Brandon . . . . *City Clerk.*
Albert M. Pear . . . . *Assistant City Clerk.*
Office Hours: 8 A.M. to 4 P.M.
Office, Rooms 8 and 9, City Hall. Telephone 419.

TREASURY DEPARTMENT.

William W. Dallinger, *City Treasurer and Collector of Taxes.*
Office Hours: 8 A.M. to 2 P.M.
Office, Rooms 3 and 4, City Hall. Telephone 602.

AUDITING DEPARTMENT.

Harry T. Upham . . . . . *City Auditor.*
Office Hours, 8 A.M. to 4 P.M.
Office, Rooms 1 and 2, City Hall. Telephone 1001.

CLERK OF COMMITTEES DEPARTMENT.

John McDuffie . . . . . *Clerk of Committees.*
Eben W. Pike . . . . *Assistant.*
Office Hours: 8 A.M. to 4 P.M.
Office, Room 16, City Hall. Telephone 818.

CITY MESSENGER DEPARTMENT.

Frank T. Evans . . . . . *City Messenger.*
William E. McAnaul . . . *Assistant.*
Office Hours, 8 A.M. to 5 P.M.
Office, Room 20, City Hall. Telephone 1900.

LAW DEPARTMENT.

Gilbert A. A. Pevey	*City Solicitor.*

Office Hours (at City Hall) 8 A.M. to 12 M.
Office, Room 17, City Hall. Telephone 463.
Boston Office, 22 Pemberton Square. Telephone 1071 Haymarket.

ENGINEERING DEPARTMENT.

Lewis M. Hastings	*City Engineer.*
Theodore L. Pike	*Supt. of Sewers.*

Office Hours: 8 A.M. to 5 P.M.
Office, Rooms 30 and 31, City Hall. Telephone 471.

FIRE DEPARTMENT.

Nathaniel W. Bunker	*Chief.*
James M. Casey	*Assistant Chief.*

Office Hours: 9 to 10 A.M.
Office, Room 28, City Hall. Telephones 125 and 1900.

INSPECTION, ETC., OF BUILDINGS DEPARTMENT.

Thomas F. Tracy, *Supt. of Public Buildings and Inspector of Buildings.*
Office Hours: 8 A.M. to 4 P.M.
Office, Room 28, City Hall. Telephone 125.

HEALTH DEPARTMENT — BOARD OF HEALTH.

Charles H. Thomas, M. D.,	*Chairman.*

Term, three years.

James F. Mullen	Term expires 1908.
J. Porter Russell	Term expires 1909.
Charles H. Thomas, M. D.,	Term expires 1910.

James B. Soper	*Clerk.*
Edwin Farnham, M. D.,	*Medical Inspector.*
Joseph L. Johnson	*Inspector of Provisions*

Office Hours: 8 A.M. to 4 P.M.
Rooms 25 and 26, City Hall. Telephone 345.

POLICE DEPARTMENT.

Fred B. Pullen . . . . . *Chief of Police.*

Office Hours: 8 A.M. to 6 P.M.

Office at Central Square Building. Telephone 423.

STREET DEPARTMENT.

George M. Clukas . . . . . *Sup't of Streets.*

Henry P. Fielding . . . . *Clerk.*

Office Hours: 8 A.M. to 4 P.M.

Office, Room 12, City Hall. Telephone 435.

INSPECTOR OF MILK.

Albert P. Norris, M. D., . . . *Inspector of Milk.*

Office Hours: 8 to 11 A.M.

Office, Room 27, City Hall. Telephone 345.

ASSESSORS' DEPARTMENT—BOARD OF ASSESSORS.

Term, three years.

Daniel B. Shaughnessy, *Chairman* . Term expires 1907.

Timtohy W. Good, *Secretary* . . . Term expires 1908.

Jeremiah F. Donovan . . . . Term expires 1909.

Office Hours: 8 A.M. to 4 P.M.

Office, Rooms 21 and 22, City Hall. Telephone 244.

CITY ELECTRICAL DEPARTMENT.

Timothy C. O'Hearn, ... *City Electrician.*

Office Hours: 8 A.M. to 4 P.M.

Office, Room 28, City Hall. Telephone 125

Central Fire Alarm Office. Telephone 363.

INSPECTION OF ANIMALS DEPARTMENT.

Charles E. Hadcock, M. D. V., . . *Inspector of Animals.*

Residence, 25 Dana Street. Telephone 662.

(No Office or Hours.)

BRIDGE DEPARTMENT.

George M. Clukas, *Bridge Commissioner and Harbor Master.*

Office Hours: 8 A.M. to 4 P.M.

Office, Room 12, City Hall. Telephone 435.

SEALER OF WEIGHTS AND MEASURES DEPARTMENT.

GEORGE H. DINAN	*Sealer.*
John C. Connors	*Deputy Sealer.*

Office Hours: { Fridays, 8 A. M. to 4 P. M.
Saturdays, 8 A. M. to 12 M.

Office, Brattle Square Building. Telephone 35.

CITY PHYSICIAN.

WILLIAM G. BROUSSEAU.

Residence, 2222 Massachusetts Avenue. Telephone 1285.

Office, Central Square Building.

Office Hours, daily, 9 to 10 A. M. Telephone 660.

FENCE VIEWERS.

Lewis M. Hastings	City Hall.
Thomas F. Tracy	City Hall.

Telephones 471, 125.

SCHOOL COMMITTEE.

WALTER C. WARDWELL, Mayor	*Chairman, ex-officio.*
Term ending in 1907.	
George W. Bicknell	Ward 5
Sherman R. Lancaster	Ward 7
Frank E. Sands	Ward 10
Lawrence G. Brooks	Ward 8
Robert Walker	Ward 1
Term ending in 1908.	
Warren P. Adams	Ward 8
John E. Somers	Ward 11
Ada R. Kinsman	Ward 6
Joseph E. Sharkey	Ward 3
Edwin L. Cheney	Ward 4
Term ending in 1909.	
Carolyn P. Chase	Ward 10
Edward A. Counihan, Jr.	Ward 2
William Taggard Piper	Ward 9
J. Henry Russell	Ward 5
James A. Lew	Ward 7

Secretary and School Supply Agent.

SANFORD B. HUBBARD.

Superintendent of Schools.

WILLIAM C. BATES.
Office Hours, 8.30 A. M. to 5 P. M.
Office, Rooms 13, 14 and 15, City Hall. Telephone 445

CEMETERY DEPARTMENT — CEMETERY COMMISSIONERS.

JOHN LYNCH	*Chairman.*

Term, three years.

Herbert A. Chase	Term expires 1908.
Samuel Usher	Term expires 1908.
John S. Clary	Term expires 1909.
John Lynch	Term expires 1909.
William A. Bertsch	Term expires 1910.
Gustave Wilson	Term expires 1910.

Edward J. Brandon	*Clerk of the Board.*

Office, Rooms 8 and 9, City Hall. Telephone 419.

George D. Ford	*Supt. of Cemetery.*
John J. McKenzie	*Clerk of the Cemetery.*

Office Hours at Cemetery, 8 A.M. to 5 P.M.
Office at Cemetery on Coolidge Avenue. Telephone 289-3.

PERSON TO CAUSE TO BE PROPERLY INTERRED THE BODIES OF SOLDIERS AND SAILORS.

EBEN W. PIKE.
Office, Room 16, City Hall. Telephone 818.

PUBLIC LIBRARY DEPARTMENT—TRUSTEES OF CAMBRIDGE PUBLIC LIBRARY.

EUGENE A. MCCARTHY	*President.*

For one year.
William Taggard Piper of School Committee.
Citizens at large. Term, three years.

Albert M. Barnes	Term expires 1908.
Eugene A. McCarthy	Term expires 1908.
John Buckley	Term expires 1909.
Edward P. Collier	Term expires 1909.
William J. Rolfe	Term expires 1910.
Edward C. Wheeler	Term expires 1910.

William Taggard Piper	*Treasurer.*
Clarence W. Ayer	*Sec'y and Librarian.*

Library Open: 10 A.M. to 8 P.M.
Reading Room: 10 A.M. to 10 P.M.
Sunday, 2 to 10 P.M.
Office at Library Building, Broadway, Irving and Trowbridge Streets.
Telephone 610.

WATER WORKS DEPARTMENT—CAMBRIDGE WATER BOARD.

ALVIN F. SORTWELL	*President.*

Term, five years.

Andrew J. Rady	Term expires 1907.
John F. O'Brien	Term expires 1908.
Edmund H. Stevens	Term expires 1909.
George H. Howard	Term expires 1910.
Alvin F. Sortwell	Term expires 1911.

Walter H. Harding	*Clerk of the Board.*
Edwin C. Brooks	*Supt. of Water Works.*
Walter H. Harding	*Water Registrar.*

Office Hours: 8 A.M. to 4 P.M.
Office, Rooms 5 and 6 City Hall. Telephone 430.

REGISTRARS OF VOTERS.

————	*Chairman.*

Term, four years.

John P. McCormick	Term expires 1908.
Isaac S. Pear	Term expires 1909.
Frederick W. Macdonald	Term expires 1910.
George W. Turnbull	Term expires 1911.

Isaac S. Pear	*Clerk.*

Office at Central Square Building. Telephone 1027–3.

PARK DEPARTMENT—PARK COMMISSIONERS.

GEORGE HOWLAND COX	*President.*

Term, three years.

William M. Wadden	Term expires 1908.
Charles S. Cahill	Term expires 1909.
George Howland Cox	Term expires 1910.

Charles S. Cahill	*Secretary.*
John F. Donnelly	*Gen'l Superintendent.*

Office Hours: 8 A.M. to 4 P.M.
Office, Room 11, City Hall. Telephone 650.

SINKING FUND DEPARTMENT—COMMISSIONERS OF THE SINKING FUND.

Frank A. Allen	*Chairman.*

Term, three years.

Gustavus Goepper	Term expires 1908.
George H. Howard	Term expires 1908.
Austin Ford	Term expires 1909.
George G. Wright	Term expires 1909.
Frank A. Allen	Term expires 1910.
Thomas F. Boyle	Term expires 1910.

John McDuffie	*Secretary.*
William W. Dallinger	*Treasurer.*

OVERSEERS OF THE POOR DEPARTMENT — OVERSEERS OF THE POOR.

Patrick Crowley	*Chairman.*

Term, five years.

James F. Mullen	Term expires 1908.
Patrick Crowley	Term expires 1909.
John R. McCool	Term expires 1910.
Henry H. Winslow	Term expires 1911.
Patrick J. Callaghan	Term expires 1912.

David P. Muzzey	*Secretary.*
Charles E. Goodrow	*Supt. of City Home.*

Office Hours (at Central Square Building): 8 A.M. to 4 P.M.

Telephones { Office, 660.
City Home, 189

BOARD OF SURVEY.

John P. Leonard	*Chairman.*

Term, three years.

John P. Leonard	Term expires 1908.
Frederick A. McMenimen	Term expires 1909.
Clement G. Morgan	Term expires 1910.

John McDuffie	*Secretary.*

AGENT FOR COMMITTEE ON SOLDIERS' AID.

EBEN W. PIKE.
Office Hours: 8 A. M. to 4 P. M.
Office, Room 16, City Hall. Telephone 818.

TRUSTEES OF THE DOWSE INSTITUTE.

FRANK A. ALLEN . . . . *President.*

Walter C. Wardwell . . . . *Mayor ex-officio.*
Henry C. Stetson, *President of Common Council, ex-officio.*
George Howland Cox
Willard A. Bullard.
Frank A. Allen.

George Howland Cox . . . . *Secretary.*

TRUSTEES OF THE { SANDERS TEMPERANCE FUND. BRIDGE CHARITABLE FUND.

Walter C. Wardwell, Mayor, Charles H. Lake, President Board of Aldermen, Henry C. Stetson, President of Common Council, *Ex-officiis*

PERSON TO RECEIVE INFORMATION OF DAMAGES BY DOGS.

(R. L., C. 102, § 155. C. 226, Acts 1902.)
Frederick B. Pullen.

TRUANT OFFICERS.

Lucian S. Cabot
John Carmichael.
William H. Porter.
Thomas F. Riley.

CONSTABLES.

(Without power to serve civil process.)

Fred Bailey.
Edward Brady.
Lucian S. Cabot.
John C. Connors.
John Carmichael.
Patrick Carroll.
John J. Creedon.
Gilmore B. Creelman.
George H. Dinan.
Charles H. Dolloff.
John Good.
Charles E. Goodrow.
Frank A. Hagar.
Fred M. Harrington.
James Hicks.
Thomas A. Hughes.

Joseph James.
John A. Jackson.
Charles A. Lincoln.
John McDonald.
Peter Malone.
Francis A McLaughlin.
David P Nelligan.
William H. Porter.
Thomas F. Riley.
John J. Roach.
John Taylor.
Frank H. Wait.
Joseph B. Woriskey.

CONSTABLES.

(With power to serve civil process.)

William M. Andrew.
George E. Brown.
Timothy J. Curtin.
John Foster.
Joseph Fox.
Warren Ivers.
James E. Lennon.
John T. Lynch.
Charles F. Manning.
William F. McCormick.
Thomas J. McGowan.
Dennis H. Noonan.
John P. Rouzant.
James D. Russell.
Frank E. Shaw.
Arthur M. Stewart.

UNDERTAKERS.

Forest M. Blake.
David F. Corcoran.
Jeremiah Corkery.
John W. Coveney.
Edward O. Cox.
Joseph A. Breau.
Edward J. Conly.
Ellen M. Danehy.
Timothy T. A. Danehy.
William H. Danehy.
Edwin L. Derby.
John J. Dunn.
George E. Everett.
David Fudge.
Edward J. Fudge.
George M. Joll.
George H. Kelly.
Horace D. Litchfield.
Judson Litchfield.
Wm. A. Lockhart.
Abiel E. Long.
George W. Long.
James F. Mullen.
William N. Neally.
David J. Nelligan.
John O'Connell.
Edward J. Peltier.
Frank J. Proske.
Jos. H. Ricker.
John J. Ross.
Daniel P. Shea.
Harry F. Shea.
James J. Shea.
Ralph Smith.
William Stinson.
William A. Taylor.
Benjamin F. Wyeth.
Benjamin F. Wyeth. Jr.

MEASURERS OF WOOD AND BARK.

Richard T. Donoclift.
Walter H. Nay.
David C. Proudfoot.
Joseph P. Quilty.
Sewell R. Seaverns.
Charles B. Wendell.

POUND KEEPER.

Robert Holden.
John H. Holt.

COMMITTEE FOR THE PRESERVATION OF FISH.

Edwin C. Brooks.
Theodore L. Pike.

INSPECTORS OF JUNK SHOPS, PAWNBROKERS' SHOPS AND SECOND-HAND STORES AND DEALERS.

Patrick J. Hurley.
John J. McBride.
James E. Murray.
John F. Murray.

HAY WEIGHERS.

Frank W. Bartlett.
John N. Bolster.
William N. Neally.
George M. David.

PUBLIC WEIGHERS.

Francis E. Bailey.
Robert C. Bird.
Ernest E. Bradbury.
Theodore P. Clark.
Edward B. Dale.
John E. Fay.
Frank Finnick.
Alexander S. Ford.
John P. Healy.
Robert Holden.
John H. Holt.
James Knowles.
Neil Macdonald.
Fred W. MacFarland.
Melvin MacFarland.
William Maloney.
Martin McMahon.
John F. Riley.
John M. Thayer.
James J. Travers.
James A. Whelan.

INSPECTOR OF PRESSED OR BUNDLED HAY OR STRAW.

Harvey O. Titus.

MEASURERS OF GRAIN.

John C. Connors.
George H. Dinan.

PERSONS

To seize all baskets, measures or vessels used or intended to be used in measuring charcoal, as provided in Sect. 93, Chap. 57, R. L.

John C. Connors.
George H. Dinan.

SURVEYOR OF MECHANICS' WORK.

Charles A. Mason.

STATE AND CITY ELECTIONS

HELD

NOVEMBER 6, 1906, DECEMBER 11, 1906

RESPECTIVELY

As Corrected by Recounts

VOTES CAST FOR GOVERNOR AND OTHER STATE OFFICERS, REPRESENTATIVE IN CONGRESS, COUNCILLORS, SENATORS, REPRESENTATIVES IN THE GENERAL COURT, COUNTY COMMISSIONERS, CLERK OF COURTS, REGISTER OF DEEDS, COUNTY TREASURER, FOR CITY OFFICERS, AND ON THE LICENSE QUESTION.

STATE ELECTION, NOVEMBER 6, 1906.

CANDIDATES FOR

		GOVERNOR.										LIEUT. GOVERNOR.							SECRETARY.						TREASURER.						
NAMES OF CANDIDATES	Whole Number.	Gamaliel Bradford.	James F. Carey.	William H. Carroll.	Curtis Guild, Jr.	John B. Moran, Pro.	John B. Moran, Ind.L.	John B. Moran, Dem.	John B. Moran.	William H. Partridge.	Blank.	E. Gerry Brown.	Hervey S. Cowell.	Eben S. Draper.	Walter J. Hoar.	John F. Mullen.	Henry M. Whitney.	Blank.	Joao Claudino.	Jonathan S. Lewis.	Ambrose Miles.	William M. Olin.	Charles C. Paine.	Blank.	Arthur B. Chapin.	George B. Cushman.	S. Frederick French.	George M. Harrigan.	David F. Richardson.	Hon. John Read of Cambridge.	Blank.
Ward 1, Precinct 1	438	3	5	..	47	24	18	300	13	....	28	342	2	31	4	6	..	53	1	2	8	38	315	74	41	6	2	304	11	....	74
Ward 1, Precinct 2	388	..	5	1	75	37	28	221	12	....	9	276	2	64	2	8	..	36	8	3	5	67	245	60	64	7	3	255	..	....	59
Ward 1, Totals....	826	3	10	1	122	61	46	521	25	....	37	618	4	95	6	14	..	89	9	5	13	105	560	134	105	13	5	559	11	....	133
Ward 2, Precinct 1	420	2	3	1	63	35	35	254	19	....	8	333	1	48	1	8	..	29	6	4	7	55	279	69	51	5	5	288	3	....	68
Ward 2, Precinct 2	404	..	2	2	57	35	42	245	16	....	5	316	2	44	5	4	..	33	5	3	5	45	283	63	46	5	4	271	4	....	74
Ward 2, Totals....	824	2	5	3	120	70	77	499	35	....	13	649	3	92	6	12	..	62	11	7	12	100	562	132	97	10	9	559	7	....	142
Ward 3, Precinct 1	338	1	6	1	36	41	45	197	7	....	4	270	3	18	3	7	..	37	4	3	5	31	219	76	24	4	3	218	4	....	85
Ward 3, Precinct 2	312	1	2	1	27	29	27	204	13	....	8	249	2	26	3	3	..	29	3	2	4	21	243	39	24	7	1	227	3	....	50
Ward 3, Precinct 3	370	..	8	3	72	31	41	198	13	....	4	270	3	64	4	12	..	17	6	2	11	69	237	45	68	11	3	232	5	....	51
Ward 3, Precinct 4	330	..	1	..	71	35	32	177	10	....	4	241	5	52	1	4	..	27	...	2	6	56	224	42	52	4	1	224	2	....	47
Ward 3, Totals....	1,350	2	17	5	206	136	145	776	43	....	20	1,030	13	160	11	26	..	110	13	9	26	177	923	202	168	26	8	901	14	....	233
Ward 4, Precinct 1	287	2	1	1	55	22	31	154	11	....	10	201	4	48	2	5	..	27	6	1	4	53	179	44	52	6	2	189	1	....	37
Ward 4, Precinct 2	273	1	3	2	113	24	22	94	8	1	5	151	5	103	3	3	..	8	2	5	5	115	129	17	116	5	4	123	1	....	24
Ward 4, Precinct 3	315	..	4	2	114	21	35	123	8	....	8	184	2	108	6	3	..	12	4	3	6	130	144	28	128	5	3	141	4	....	34
Ward 4, Precinct 4	303	1	3	..	166	20	24	80	4	....	5	128	8	150	..	3	..	14	4	3	6	160	106	24	158	10	4	104	1	....	26
Ward 4, Totals....	1,178	4	11	5	448	87	112	451	31	1	28	664	19	409	11	14	..	61	16	12	21	458	558	113	454	26	13	557	7	....	121
Ward 5, Precinct 1	387	1	2	1	133	19	39	175	6	....	11	251	2	112	3	4	..	15	5	2	4	121	223	32	121	5	4	213	6	....	38
Ward 5, Precinct 2	390	1	1	..	182	15	32	142	11	....	6	217	5	152	1	1	..	14	...	5	1	171	193	20	165	1	7	187	1	....	29
Ward 5, Precinct 3	388	3	2	1	290	17	16	50	9	....	....	92	4	268	5	2	..	17	2	4	4	284	78	16	278	4	4	81	1	....	20
Ward 5, Precinct 4	351	1	4	..	252	17	32	39	1	....	5	100	4	232	..	6	1	8	...	3	6	261	64	17	263	6	4	55	1	....	22
Ward 5, Totals....	1,516	6	9	2	857	68	119	406	27	....	22	660	15	764	9	13	1	54	7	14	15	837	558	85	827	16	19	536	9	....	109

Ward 6, Precinct 1	373	1	7	1	165	23	51	104	6	....	15	188	6	151	2	10	..	16	1	3	15	174	145	35	170	12	2	143	2	....	44
Ward 6, Precinct 2	388	2	4	1	210	19	43	98	7	....	4	185	2	185	2	6	..	8	3	5	7	206	147	20	210	6	3	139	3	...	27
Ward 6, Precinct 3	420	4	2	2	208	20	41	126	4	....	13	216	6	179	1	4	..	14	5	8	7	196	176	28	201	4	7	170	1	....	37
Ward 6, Precinct 4	390	1	1	..	270	19	35	51	5	....	8	123	5	240	1	2	..	19	1	6	3	270	89	21	278	4	4	83	1	....	20
Ward 6, Totals....	1,571	8	14	4	853	81	170	379	22	....	40	712	19	755	6	22	..	57	10	22	32	846	557	104	859	26	16	535	7	....	128
Ward 7, Precinct 1	418	3	6	..	204	21	36	126	10	....	12	198	5	189	6	7	..	13	1	4	11	202	166	34	205	7	7	159	2	....	38
Ward 7, Precinct 2	380	..	1	..	144	26	30	158	10	....	11	230	4	125	1	...	..	20	2	5	5	132	192	44	138	2	7	186	1	....	46
Ward 7, Precinct 3	445	4	2	..	305	22	38	65	1	....	8	130	15	282	2	2	..	14	4	11	4	315	89	22	306	5	15	88	1	....	30
Ward 7, Precinct 4	378	1	6	3	193	26	35	90	14	....	10	174	6	164	2	6	..	26	5	8	9	197	117	42	192	12	5	122	3	....	44
Ward 7, Totals....	1,621	8	15	3	846	95	139	439	35	....	41	732	30	760	11	15	..	73	12	28	29	846	564	142	841	26	34	555	7	....	158
Ward 8, Precinct 1	381	3	2	..	230	10	24	99	6	....	7	135	6	213	1	1	..	25	2	3	2	222	123	29	217	2	5	120	..	1	36
Ward 8, Precinct 2	434	3	5	..	301	21	22	74	2	...	6	129	5	276	3	4	..	17	...	5	7	294	97	31	291	5	4	94	2	....	38
Ward 8, Precinct 3	464	4	1	..	116	23	39	253	21	....	7	334	1	102	..	2	..	25	3	2	1	109	306	43	109	3	3	310	1	....	38
Ward 8, Totals....	1,279	10	8	..	647	54	85	426	29	....	20	598	12	591	4	7	..	67	5	10	10	625	526	103	617	10	12	524	3	1	112
Ward 9, Precinct 1	469	9	2	..	347	10	16	74	3	....	8	121	3	311	3	2	..	29	...	5	2	339	95	28	345	4	3	85	2	....	30
Ward 9, Precinct 2	450	..	1	..	279	15	14	125	12	....	4	171	1	253	1	3	..	21	...	1	8	264	155	22	257	2	1	161	1	....	28
Ward 9, Precinct 3	369	2	7	..	180	14	37	105	15	....	9	175	4	163	3	5	..	19	2	4	8	173	150	32	177	6	2	144	2	....	38
Ward 9, Totals....	1,288	11	10	..	806	39	67	304	30	....	21	467	8	727	7	10	..	69	2	10	18	776	400	82	779	12	6	390	5	....	96
Ward 10, Precinct 1	371	3	2	1	279	9	15	57	2	....	3	94	4	255	2	1	..	15	1	2	3	278	73	14	278	3	1	69	1	...	19
Ward 10, Precinct 2	360	3	4	3	310	3	9	20	5	....	3	83	4	248	4	2	..	19	3	1	5	265	67	19	264	5	2	66	5	....	18
Ward 10, Precinct 3	291	1	2	..	78	21	15	164	7	....	3	205	2	63	1	3	..	17	2	5	3	70	185	26	68	2	2	187	1	....	31
Ward 10, Totals...	1,022	7	8	4	667	33	39	241	14	....	9	382	10	566	7	6	..	51	6	8	11	613	325	59	610	10	5	322	7	....	68
Ward 11, Precinct 1	457	6	1	2	303	18	33	80	8	....	6	159	4	273	3	2	..	16	1	2	3	306	121	24	314	8	3	109	1	....	22
Ward 11, Precinct 2	447	1	1	..	154	28	6	239	13	....	5	284	2	128	4	4	..	25	1	1	2	148	252	43	144	2	3	254	1	....	43
Ward 11, Precinct 3	418	1	1	2	52	29	64	240	24	....	5	346	1	45	..	2	..	24	1	1	2	56	310	48	54	4	4	305	3	...	48
Ward 11, Totals...	1,322	8	3	4	509	75	103	559	45	....	16	789	7	446	7	8	..	65	3	4	7	510	683	115	512	14	10	668	5	...	113
Grand Totals......	3,797	69	110	31	6,081	799	1,102	5,001	336	1	267	7,301	140	5,365	85	147	1	758	94	129	194	5,893	6,216	1,271	5,869	189	137	6,106	82	1	1,413

CANDIDATES FOR

NAMES OF CANDIDATES	AUDITOR.							ATTORNEY GENERAL.						REPRESENTATIVE IN CONGRESS.				COUNCILLOR 3D DISTRICT.				COUNCILLOR 4TH DISTRICT.					SENATOR 2D SUFFOLK.				
	Albert Barnes.	Thomas L. Hisgen.	Fred L. Johnson.	James F. Pease.	Henry E. Turner.	General Kimball of Fitchburg.	Blank.	Allen Coffin.	Dana Malone.	Arthur E. Reimer.	John Weaver Sherman.	John A. Thayer.	Blank.	Frederick S. Deitrick.	Orton D. Field.	Samuel W. McCall.	Blank.	Edward P. Barry.	Moses J. Konikow.	Robert Silverman.	Blank.	Alfred E. Cox.	Timothy J. Reagan.	Charles S. Hamlin.	J. Buckley.	Blank.	Samuel D. Matthews	James J. Mellen.	George F Monahan.	Stephen O'Leary.	Blank.
WARD 1.																															
Precinct 1...	6	293	9	...	37	....	93	3	39	1	8	308	79	324	10	52	52	330	11	29	68						29	279	72	7	51
" 2...	3	251	4	2	58	....	70	3	52	2	7	268	56	263	6	78	41	270	7	51	60						45	205	81	9	48
Wd. 1, Totals	9	544	13	2	95	....	163	6	91	3	15	576	135	587	16	130	93	600	18	80	128						74	484	153	16	99
WARD 2.																															
Precinct 1...	5	279	5	5	48	....	78	5	44	4	6	309	52	314	6	60	40	313	8	36	63						37	251	88	5	39
" 2...	4	272	5	1	38	....	84	4	38	3	4	287	68	298	7	54	45	294	7	32	71						34	233	84	4	49
Wd. 2, Totals	9	551	10	6	86	...	162	9	82	7	10	596	120	612	13	114	85	607	15	68	134						71	484	172	9	88
WARD 3.																															
Precinct 1...	2	220	5	1	18	....	92	2	23	4	4	229	76	249	12	31	46	235	7	23	73						15	150	123	6	44
" 2...	1	231	3	2	22	....	53	3	17	2	5	246	39	243	6	37	26	253	4	22	33						16	169	92	5	30
" 3...	4	230	9	1	68	....	58	5	68	5	10	239	43	257	14	76	23	253	13	62	42						67	187	73	13	30
" 4...	1	214	5	...	56	....	54	2	51	2	6	227	42	241	5	61	23	240	5	49	36						46	160	89	5	30
Wd. 3, Totals	8	895	22	4	164	....	257	12	159	13	25	941	200	990	37	205	118	981	29	156	184						144	666	377	29	134
WARD 4.																															
Precinct 1...	4	186	7	1	48	....	41	2	46	4	5	190	40	193	8	56	30	199	5	44	39										
" 2...	4	121	4	3	115	....	26	5	105	2	12	125	24	118	7	135	13	137	7	106	23										
" 3...	2	144	8	2	121	....	38	4	118	3	9	148	33	150	7	136	22	169	5	108	33										
" 4...	25	79	5	5	157	....	32	8	148	3	9	107	28	114	6	163	20	124	43	107	29										
Wd. 4, Totals	35	530	24	11	441	....	137	19	417	12	35	570	125	575	28	490	85	629	60	365	124										
WARD 5.																															
Precinct 1...	3	219	4	2	115	....	44	6	103	2	6	233	37	241	5	122	19					130	82	..	..	175					
" 2...	2	191	2	4	168	....	23	6	157	1	1	205	20	192	..	183	15					186	65	..	..	139					
" 3...	1	81	7	4	271	....	24	4	268	1	4	91	20	81	2	296	9					283	34	1	..	70					
" 4...	1	62	7	9	251	....	21	8	238	..	11	77	17	81	7	257	6					263	27	..	..	61					
Wd. 5, Totals	7	553	20	19	805	....	112	24	766	4	22	606	94	595	14	858	49					862	208	1	..	445					

WARD 6.																															
Precinct 1...	4	143	12	4	162	....	48	7	161	5	10	150	40	151	13	180	29					171	82	..	..	120					
" 2...	3	137	9	10	195	....	34	4	197	7	6	146	28	147	7	211	23					224	57	..	..	107					
" 3...	2	180	4	5	197	....	32	7	189	1	6	179	38	179	5	217	19					212	60	..	..	148					
" 4...	3	84	4	10	266	....	23	11	267	1	4	90	17	85	4	286	15					291	35	..	..	64					
Wd. 6, Totals	12	544	29	29	820	....	137	29	814	14	26	565	123	562	29	894	86					898	234	..	..	439					
WARD 7.																															
Precinct 1...	3	169	10	3	199	....	34	12	195	3	9	171	28	167	11	222	18					221	64	..	..	133					
" 2...	1	188	3	3	133	....	52	5	133	3	....	194	45	206	1	152	21					157	69	..	..	154					
" 3...	3	89	4	16	302	....	31	20	302	3	6	92	22	94	2	331	18					332	40	..	..	73					
" 4...	2	121	12	10	179	....	54	11	177	4	11	135	40	143	10	198	27					207	58	..	..	113					
Wd. 7, Totals	9	567	29	32	813	....	171	48	807	13	26	592	135	610	24	903	84					917	231	..	..	473					
WARD 8.																															
Precinct 1...	2	125	3	3	207	1	40	6	209	3	3	132	28	130	1	230	20					231	43	..	..	107					
" 2...	3	99	6	3	288	....	35	11	275	4	5	115	24	116	4	299	15					297	55	..	..	82					
" 3...	3	298	1	...	108	....	54	3	110	1	1	310	39	308	3	118	35					116	111	..	..	237					
Wd. 8, Totals	8	522	10	6	603	1	129	20	594	8	9	557	91	554	8	647	70					644	209	..	..	426					
WARD 9.																															
Precinct 1...	3	91	3	4	330	....	38	13	314	2	5	106	29	122	6	325	16					333	35	.	..	101					
" 2...	...	159	4	1	263	....	23	..	259	..	2	167	22	157	3	277	13					273	52	..	..	125					
" 3...	2	143	5	2	174	....	43	5	166	1	5	156	36	167	4	175	23					197	55	..	..	117					
Wd. 9, Totals	5	393	12	7	767	....	104	18	739	3	12	429	87	446	13	777	52					803	142	..	..	343					
WARD 10.																															
Precinct 1...	1	71	3	3	271	....	22	4	260	1	5	85	16	101	2	264	4					287	35	..	1	48					
" 2...	5	62	4	5	267	....	17	4	256	5	5	78	12	92	4	252	12					268	25	..	..	67					
" 3...	2	181	1	2	66	...	39	7	59	1	5	191	28	211	5	60	15					83	60	..	..	148					
Wd. 10, Tot'ls	8	314	8	10	604	....	78	15	575	7	15	354	56	404	11	576	31					638	120	..	1	263					
WARD 11.																															
Precinct 1...	...	115	1	5	311	....	25	5	290	3	2	132	25	152	6	292	7					317	57	..	..	83					
" 2...	...	255	1	2	143	....	46	3	138	3	3	258	42	292	6	133	16					160	120	..	..	167					
" 3...	3	300	5	2	54	....	54	2	51	2	7	319	37	330	4	56	28					73	136	..	..	209					
Wd. 11, Tot'ls	3	670	7	9	508	....	125	10	479	8	12	709	104	774	16	481	51					550	313	..	..	459					
Grand Totals	113	6,083	184	135	5,706	1	1,575	210	5,523	92	207	6,495	1,270	6,709	209	6,075	804	2,817	122	669	570	5,312	1,457	1	1	2,848	289	1,634	702	54	321

CANDIDATES FOR

	SENATOR				SENATOR.					REPRESENTATIVE IN GENERAL COURT.															
	3RD SUFFOLK.				2ND MIDDLESEX.					1ST MIDDLESEX.						2ND MIDDLESEX.									
NAMES OF CANDIDATES.	Edward F. Dixon.	Patrick Mahoney.	John Spinelli.	Blank.	Robert Lehman.	Frederick J. Macleod.	W. Rodman Peabody.	Thorndike Spaulding.	Blank.	Manuel Andrew.	William Cavanaugh.	William M. Hogan.	James A. Montgomery.	Harry Roberts.	Blank.	J. Edward Barry.	Saul Beaumont.	Fred. L. Beunke.	Thomas J. Cavanaugh.	James H. Donnelly.	Henry Garland.	George A. Giles.	Julius Meyers.	Lewis G. Spachman.	Blank.
Ward 1, Prec 1 ..										384	5	318	99	3	67										
Ward 1, Prec. 2...										259	9	245	101	8	154										
Ward 1, Totals ...										643	14	563	200	11	221										
Ward 2, Prec. 1...										259	7	302	113	7	152										
Ward 2, Prec. 2...										234	5	306	111	6	146										
Ward 2, Totals ...										493	12	608	224	13	298										
Ward 3, Prec. 1...										137	4	190	180	2	163										
Ward 3, Prec. 2...										106	3	153	190	6	166										
Ward 3, Prec. 3...										140	16	197	200	22	165										
Ward 3, Prec. 4...										113	10	153	191	13	180										
Ward 3, Totals ..										496	33	693	761	43	674										
Ward 4, Prec. 1...	179	17	46	45												191	11	51	158	166	9	49	50	6	170
Ward 4, Prec. 2...	131	8	103	31												130	14	117	108	106	11	109	110	7	107
Ward 4, Prec. 3...	158	9	114	34												167	10	114	137	129	7	116	126	9	130
Ward 4, Prec. 4...	117	13	143	30												131	10	164	94	106	7	145	149	8	95
Ward 4, Totals ...	585	47	406	140												619	45	446	497	507	34	419	435	30	502
Ward 5, Prec. 1...					9	250	101	....	27							248	9	110	201	210	6	96	107	8	166
Ward 5, Prec. 2...					1	232	138	....	19							246	4	142	184	180	4	130	139	2	139
Ward 5, Prec. 3...					3	133	241	....	11							137	5	267	73	73	5	253	252	4	95
Ward 5, Prec. 4...					7	115	218	....	11							101	11	263	48	47	10	247	248	6	72
Ward 5, Totals ...					20	730	698	....	68							732	29	782	506	510	25	726	746	20	472

Ward 6, Prec. 1...					15	187	149	....	22							148	24	182	123	122	19	159	168	17	157
Ward 6, Prec. 2...					11	200	162	....	15							162	13	216	116	136	12	179	200	7	123
Ward 6, Prec. 3...					12	218	173	....	17							196	10	200	143	161	7	198	188	5	152
Ward 6, Prec. 4...					3	141	230	....	16							112	4	273	67	71	5	264	263	3	108
Ward 6, Totals...					41	746	714	....	70							618	51	871	449	490	43	800	819	32	540
Ward 7, Prec. 1...					11	215	175	....	17							210	13	205	146	150	11	191	206	7	115
Ward 7, Prec. 2...					2	234	125	....	19							207	2	146	171	170	4	141	149	4	146
Ward 7, Prec. 3...					5	144	280	....	16							126	6	316	64	77	11	287	324	6	118
Ward 7, Prec. 4...					7	186	164	—	21							141	10	202	99	118	12	184	194	9	165
Ward 7 Totals ...					25	779	744	....	73							684	31	869	480	515	38	803	873	26	544
Ward 8, Prec. 1...					1	162	203	1	14																
Ward 8, Prec. 2...					16	145	250	....	23																
Ward 8, Prec. 3...					2	330	105	....	27																
Ward 8, Totals...					19	637	558	1	64																
Ward 9, Prec. 1...					3	159	286	...	21																
Ward 9, Prec. 2...					4	192	237	....	17																
Ward 9, Prec. 3...					7	188	150	....	24																
Ward 9, Totals...					14	539	673	....	62																
Ward 10, Prec. 1..					2	118	240	....	11																
Ward 10, Prec. 2..					5	102	240	...	13																
Ward 10, Prec. 3..					3	212	63	....	13																
Ward 10, Totals ..					10	432	543	....	37																
Ward 11, Prec. 1..					3	180	260	....	14																
Ward 11, Prec. 2 .					3	287	137	....	20																
Ward 11, Prec. 3..					8	330	50	....	30																
Ward 11, Totals ..					14	797	447	....	64																
Grand Totals.....	585	47	406	140	143	4,660	4,377	1	438	1,632	59	1,864	1,185	67	1,193	2,653	156	2,968	1,932	2,022	140	2,748	2,873	108	2,058

CANDIDATES FOR

	REPRESENTATIVE GENERAL COURT 3RD MIDDLESEX.										COUNTY COMMISSIONER.				CLERK OF COURTS.			REGISTER OF DEEDS.				COUNTY TREASURER.			
NAMES OF CANDIDATES.	James Culhane.	Samuel D. Elmore.	Edward B. James.	George W. Long.	John T. Morris.	Frederick L. Murray.	Harry N. Stearns.	Councilman Wood.	Russell A. Wood.	Blank.	Oscar J. Johnson.	Patrick E. Sullivan.	Samuel O. Upham.	Blank.	Theodore C. Hurd.	Charles E. McCarthy.	Blank.	Edwin O. Childs.	Seymour J. Milliken.	J. E. Hannigan.	Blank.	Joseph O. Hayden.	John O'Brien.	William Parker.	Blank.
Ward 1, Prec. 1...											11	312	42	73	42	314	82	77	92	..	269	44	310	11	73
Ward 2, Prec. 2...											9	250	63	66	72	246	70	103	70	..	215	57	240	14	77
Ward 1, Totals...											20	562	105	139	114	560	152	180	162	..	484	101	550	25	150
Ward 2, Prec. 1...											28	277	43	72	54	290	76	90	76	..	254	50	281	8	81
Ward 2, Prec. 2...											10	271	36	87	44	277	83	85	73	..	246	38	273	9	84
Ward 2, Totals...											38	548	79	159	98	567	159	175	149	..	500	88	554	17	165
Ward 3, Prec. 1...											12	230	23	73	27	223	88	43	69	..	221	24	223	13	78
Ward 3, Prec. 2...											11	237	18	46	26	240	46	51	42	..	219	24	231	5	52
Ward 3, Prec. 3...											18	228	66	58	65	232	73	93	79	..	198	80	222	13	55
Ward 3, Prec. 4...											10	215	55	50	61	216	53	81	71	..	178	59	217	8	46
Ward 3, Totals...											51	910	162	227	179	911	260	273	261	..	816	187	893	39	231
Ward 4, Prec. 1...											6	189	47	45	52	191	44	83	54	..	150	54	186	5	42
Ward 4, Prec. 2...											12	115	115	31	121	120	32	145	40	..	88	118	113	15	27
Ward 4, Prec. 3...											10	148	124	33	129	143	43	144	44	..	127	129	133	8	45
Ward 4, Prec. 4...											11	101	157	34	156	113	34	184	31	..	88	160	96	12	35
Ward 4, Totals...											39	553	443	143	458	567	153	556	169	..	453	461	528	40	149
Ward 5, Prec. 1...											10	216	116	45	120	219	48	151	57	..	179	121	212	9	45
Ward 5, Prec. 2...											4	193	157	36	164	192	34	198	51	..	141	161	191	5	33
Ward 5, Prec. 3...											10	81	273	24	281	82	25	295	23	..	70	281	76	6	25
Ward 5, Prec. 4...											16	50	259	26	269	48	34	271	22	..	58	263	47	12	29
Ward 5, Totals...											40	540	805	131	834	541	141	915	153	..	448	826	526	32	132

Ward 6, Prec. 1...											25	133	165	50	170	137	66	183	65	..	125	169	132	28	44
Ward 6, Prec. 2...											19	118	198	53	214	119	55	235	46	..	107	216	110	18	44
Ward 6, Prec. 3...											10	170	197	43	205	166	49	231	47	..	142	204	166	9	41
Ward 6, Prec. 4...											9	73	280	28	287	75	28	295	27	..	68	283	70	10	27
Ward 6, Totals...											63	494	840	174	876	497	198	944	185	..	442	872	478	65	156
Ward 7, Prec. 1...											16	153	207	42	216	158	44	224	52	..	142	212	154	13	39
Ward 7, Prec. 2...											8	183	143	46	143	187	50	173	43	..	164	149	177	9	45
Ward 7, Prec 3...											16	73	315	41	326	78	41	345	33	..	67	325	70	14	36
Ward 7, Prec. 4...											15	119	192	52	201	124	53	209	37	..	132	199	111	17	51
Ward 7, Totals...											55	528	857	181	886	547	188	951	165	..	505	885	512	53	171
Ward 8, Prec. 1...	105	225	121	203	7	103	224	..	..	155	6	121	219	35	227	105	49	234	43	..	104	226	116	11	28
Ward 8, Prec. 2...	96	276	113	265	12	101	283	..	..	156	16	97	283	38	297	103	34	306	40	..	88	289	96	12	37
Ward 8, Prec. 3...	279	113	270	96	10	295	112	..	..	217	6	298	111	49	105	304	55	123	80	..	261	108	299	5	52
Ward 8, Totals...	480	614	504	564	29	499	619	..	..	528	28	516	613	122	629	512	138	663	163	..	453	623	511	28	117
Ward 9, Prec. 1...	81	314	93	312	9	70	353	..	..	175	10	79	339	41	352	79	38	356	32	..	81	343	74	10	42
Ward 9, Prec. 2...	143	257	146	248	7	136	266	..	..	147	2	155	266	27	268	157	25	281	39	..	130	266	153	3	28
Ward 9, Prec. 3...	129	167	151	161	11	125	172	..	..	191	11	139	179	40	183	143	43	199	42	..	128	181	133	10	45
Ward 9, Totals...	353	738	390	721	27	331	791	..	..	513	23	373	784	108	803	379	106	836	113	..	339	790	360	23	115
Ward 10, Prec. 1..	70	263	76	270	5	69	269	1	..	90	7	68	272	24	277	66	28	293	23	1	54	275	60	11	25
Ward 10, Prec. 2..	52	242	73	262	7	58	251	..	..	135	7	61	264	28	268	57	35	275	32	..	53	267	57	8	28
Ward 10, Prec. 3..	149	69	182	74	4	166	69	..	..	160	5	188	69	29	72	187	32	88	53	..	150	71	181	9	30
Ward 10, Totals..	271	574	331	606	16	293	589	1	..	385	19	317	605	81	617	310	95	656	108	1	257	613	298	28	83
Ward 11, Prec. 1..	90	285	114	328	16	90	293	..	1	154	13	94	319	31	316	108	33	332	49	..	76	320	95	11	31
Ward 11, Prec. 2..	211	142	219	172	9	219	137	..	..	232	8	249	141	49	148	250	49	186	83	..	178	142	247	10	48
Ward 11, Prec. 3..	260	46	264	90	7	259	55	..	..	273	17	335	15	51	55	305	58	88	105	..	225	55	296	16	51
Ward 11, Totals..	561	473	597	590	32	568	485	..	1	659	38	678	475	131	519	663	140	606	237	..	479	517	638	37	130
Grand Totals.....	1,665	2,399	1,822	2,481	104	1,691	2,484	1	1	2, 85	414	6,019	5,768	1,596	6,013	6,054	1,730	6,755	1,866	1	5,176	5,963	5,848	387	1,599

MUNICIPAL ELECTION, DECEMBER 11, 1906.

CANDIDATES FOR

Names of Candidates.	Mayor.				Assessor.				Liquor Licenses.		
	Whole Number.	Charles H. Thurston.	Walter C. Wardwell.	Blank.	Jeremiah F. Donovan.	Thomas J. Edwards.	Charles F. Stratton.	Blank.	Yes.	No.	Blank.
Ward 1, Prec. 1 ...	406	304	97	5	120	252	......	34	222	125	59
“ 1, “ 2 ...	353	239	105	9	113	214	......	26	163	145	45
Ward 1, Totals....	759	543	202	14	233	466	.....	60	385	270	104
Ward 2, Prec. 1 ...	382	222	150	10	123	237	......	22	184	162	36
“ 2, “ 2 ...	354	231	111	12	119	213	.....	22	142	177	35
Ward 2, Totals....	736	453	261	22	242	450	......	44	326	339	71
Ward 3, Prec. 1 ...	302	174	119	9	118	173	......	11	156	102	44
“ 3, “ 2 ...	283	150	121	12	116	155	......	12	153	92	38
“ 3, “ 3 ...	320	189	117	14	138	174	......	8	142	142	36
“ 3, “ 4 ...	289	168	117	4	120	155	......	14	122	127	40
Ward 3, Totals....	1,194	681	474	39	492	657	......	45	573	463	158
Ward 4, Prec. 1 ...	275	173	88	14	105	151	......	19	136	95	44
“ 4, “ 2 ...	249	102	144	3	171	72	......	6	78	147	24
“ 4, “ 3 ...	298	132	157	9	202	80	......	16	107	156	35
“ 4, “ 4 ...	300	88	198	14	221	70	......	9	77	193	30
Ward 4, Totals....	1,122	495	587	40	699	373	......	50	398	591	133
Ward 5, Prec. 1 ...	344	190	149	5	198	139	......	7	121	189	34
“ 5, “ 2 ...	360	190	162	8	230	117	......	13	89	253	18
“ 5, “ 3 ...	347	105	237	5	290	43	......	14	49	278	20
“ 5, “ 4 ...	339	97	240	2	282	51	......	6	54	264	21
Ward 5, Totals....	1,390	582	788	20	1,000	350	......	40	313	984	93
Ward 6, Prec 1 ...	345	133	203	9	233	95	......	17	125	173	47
“ 6, “ 2 ...	341	142	191	8	243	85	.....	13	125	196	20
“ 6, “ 3 ...	392	173	213	6	279	98	......	15	120	234	38
“ 6, “ 4 ...	367	102	263	2	308	46	......	13	59	280	28
Ward 6, Totals....	1,445	550	870	25	1,063	324	......	58	429	883	133
Ward 7, Prec. 1 ...	376	155	219	2	264	105	......	7	104	243	29
“ 7, “ 2 ...	362	168	188	6	234	112	......	16	158	149	55
“ 7, “ 3 ...	408	115	289	4	338	54	......	16	91	282	35
“ 7, “ 4 ...	359	164	188	7	245	97	......	17	100	219	40
Ward 7, Totals....	1,505	602	884	19	1,081	368	......	56	453	893	159
Ward 8, Prec. 1 ...	361	132	225	4	267	81	......	13	88	250	23
“ 8, “ 2 ...	411	174	235	2	307	83	......	21	100	279	32
“ 8, “ 3 ...	474	291	174	9	182	261	......	31	234	166	74
Ward 8, Totals....	1,246	597	634	15	756	425	......	65	422	695	129
Ward 9, Prec. 1 ...	451	151	294	6	362	70	......	19	97	324	30
“ 9, “ 2 ...	425	193	222	10	279	141	.....	5	135	257	33
“ 9, “ 3 ...	337	181	150	6	212	109	......	16	101	201	35
Ward 9, Totals....	1,213	525	666	22	853	320	......	40	333	782	98
Ward 10, Prec. 1 ..	346	141	201	4	266	61	2	17	52	275	19
“ 10, “ 2 ..	316	96	217	3	244	64	......	8	43	248	25
“ 10, “ 3 ..	289	163	121	5	109	169	......	11	139	107	43
Ward 10, Totals...	951	400	539	12	619	294	2	36	234	630	87
Ward 11, Prec. 1 ..	406	124	279	3	307	78	......	21	71	295	40
“ 11, “ 2 ..	383	208	169	6	185	169	......	29	146	198	39
“ 11, “ 3 ..	395	246	131	18	150	227		18	172	163	60
Ward 11, Totals...	1,184	578	579	27	642	474	......	68	389	656	139
Grand Totals	12,745	6,006	6,484	255	7,680	4,501	2	562	4,255	7,186	1,304

CANDIDATES FOR ALDERMEN.

Names of Candidates.	John Allen.	Joseph O. Authier.	Joseph H. Beale, Jr.	Marshall F. Blanchard.	Harlow C. Brownell.	Robert Burns.	Oliver D. Clary.	Jeremiah Corkery.	Russell D. Crane.	Daniel Cronin.	Peter H. Curran.	Daniel J. Dinan.	George L. Dow.	Jeremiah F. Downey.	John W. Flynn.	Arthur R. Henderson.	Charles H. Lake.	Samuel F. McArthur.	Michael A. O'Leary.	Thomas P. O'Neil.	Harry A. Penniman.	George Stephens.	Arthur L. Bowker.	H. C. Stetson.	William Doan.	Blank.
Ward 1, Precinct 1	152	237	60	60	70	277	128	258	61	237	281	296	47	268	220	54	62	234	268	243	49	52	....	....	....	852
" 1, " 2	165	218	87	87	97	199	121	223	91	194	223	183	78	221	196	87	85	198	189	207	82	87	....	....	....	565
Ward 1, Totals	317	455	147	147	167	476	249	481	152	431	504	479	125	489	416	141	147	432	457	450	131	139	....	....	....	1,417
Ward 2, Precinct 1	131	251	72	72	76	222	147	250	76	237	255	225	60	249	219	70	81	209	217	234	69	69	....	....	...	711
" 2, " 2	119	222	67	60	64	197	124	225	68	214	233	201	61	238	199	71	76	202	188	215	62	67	....	....	....	721
Ward 2, Totals	250	473	139	132	140	419	271	475	144	451	488	426	121	487	418	141	157	411	405	449	131	136	....	....	....	1,432
Ward 3, Precinct 1	96	193	58	53	55	192	93	218	52	218	207	191	41	231	184	43	53	194	176	200	40	47	....	....	....	487
" 3, " 2	98	173	56	54	54	156	79	198	56	183	184	163	47	212	157	52	60	168	169	181	48	51	....	....	....	514
" 3, " 3	122	181	92	86	92	181	109	198	95	175	180	157	87	200	166	90	85	185	165	179	85	84	....	....	....	526
" 3, " 4	100	175	73	68	76	158	97	186	68	181	163	161	65	193	160	65	69	157	148	171	67	74	....	....	....	504
Ward 3, Totals	416	722	279	261	277	687	378	800	271	757	734	672	240	836	667	250	267	704	658	731	240	256	....	....	....	2,031
Ward 4, Precinct 1	77	169	56	62	57	175	74	172	59	178	174	163	53	173	161	52	53	174	158	170	55	56	....	....	....	504
" 4, " 2	140	101	126	122	123	90	132	103	131	88	86	88	124	97	81	119	124	88	84	83	128	124	....	....	....	357
" 4, " 3	148	125	137	134	145	105	141	132	144	117	107	102	143	122	103	140	130	115	100	108	142	148	...	..	....	490
" 4, " 4	189	95	178	172	180	77	185	94	178	76	74	73	178	85	71	175	174	80	78	82	180	173	....	....	....	453
Ward 4, Totals	554	490	497	490	505	447	532	501	512	459	441	426	498	477	416	486	481	457	420	443	505	501	....	....	...	1,804
Ward 5, Precinct 1	167	176	129	131	135	133	157	189	124	144	167	146	118	173	140	118	135	147	145	148	121	134	....	....	....	607
" 5, " 2	179	148	160	167	167	125	186	171	166	141	145	114	160	157	126	163	162	118	130	134	161	170	....	....	...	610
" 5, " 3	266	56	260	256	264	43	267	71	261	44	54	42	256	69	46	253	249	48	46	44	255	257	....	....	....	410
" 5, " 4	285	55	287	274	275	32	268	53	283	36	41	34	276	40	28	266	276	36	34	34	275	284	....	....	....	257
Ward 5, Totals	897	435	836	828	841	333	878	484	834	365	407	336	810	439	340	800	822	349	355	360	812	845	....	....	....	1,884

Ward 6, Precinct 1	213	118	197	190	194	101	205	109	200	108	99	98	190	114	101	196	185	112	103	103	204	195	....	....	....	460
" 6, " 2	227	103	209	199	204	102	219	116	201	99	93	94	200	105	82	208	203	101	95	87	224	216	....	....	....	364
" 6, " 3	218	148	200	198	201	139	212	163	203	136	131	132	200	143	128	196	192	140	129	120	221	198	....	....	....	564
" 6, " 4	291	60	283	283	280	54	269	77	287	58	54	53	281	61	54	279	276	61	50	43	291	295	....	....	....	297
Ward 6, Totals	949	429	889	870	879	396	905	465	891	401	377	377	871	423	365	879	856	414	377	353	940	904	....	....	....	1685
Ward 7, Precinct 1	227	139	210	204	214	127	217	158	204	126	124	114	204	130	114	212	196	115	126	121	212	212	....	....	....	430
" 7, " 2	179	158	156	151	150	149	158	197	149	153	154	155	140	152	141	150	157	146	183	158	154	166	....	....	....	526
" 7, " 3	317	80	315	315	322	61	315	91	315	55	55	51	311	63	51	301	300	70	68	62	302	310	....	....	....	358
" 7, " 4	205	114	200	200	195	104	187	144	199	103	91	93	196	105	89	198	189	135	120	101	204	194	....	....	....	583
Ward 7, Totals	928	491	881	870	881	441	877	590	867	437	424	413	851	450	395	861	842	466	497	442	872	882	....	....	....	1897
Ward 8, Precinct 1	244	96	238	232	231	93	226	100	234	88	84	82	222	98	77	228	229	83	78	86	229	244	1	....	....	448
" 8, " 2	289	105	278	266	269	89	279	120	281	78	91	76	279	94	77	278	277	84	79	78	275	306	...	....	....	473
" 8, " 3	135	298	135	125	134	291	132	344	128	289	294	282	124	300	277	127	130	298	287	283	124	151	....	....	....	526
Ward 8, Totals	668	499	651	623	634	473	637	564	643	455	469	440	625	492	431	633	636	465	444	447	628	701	1	....	....	1447
Ward 9, Precinct 1	347	88	365	346	347	64	333	90	353	64	70	53	351	69	63	338	345	63	57	66	348	369	....	...	....	372
" 9, " 2	261	147	261	249	254	143	259	163	260	146	146	138	241	148	138	250	257	148	139	145	251	263	....	....	....	268
" 9, " 3	195	143	174	174	168	136	174	149	197	129	131	122	168	135	126	169	169	125	117	127	167	176	....	....	....	336
Ward 9, Totals	803	378	800	769	769	343	766	402	810	339	347	313	760	352	327	757	771	336	313	338	766	808	....	....	....	976
Ward 10, Precinct 1	268	69	265	264	261	50	258	72	259	60	49	47	263	62	55	259	258	52	53	58	255	271	....	...	....	298
" 10, " 2	252	59	247	254	253	44	247	58	250	42	46	46	241	50	44	244	245	42	47	47	242	255	....	....	...	221
" 10, " 3	87	187	71	80	80	172	73	196	73	180	166	166	75	187	175	74	73	177	165	187	72	90	....	1	1	371
Ward 10, Totals	607	315	583	598	594	266	578	326	582	282	261	259	579	299	274	577	576	271	265	292	569	616	....	1	1	890
Ward 11, Precinct 1	308	76	300	303	323	54	303	77	297	65	57	49	305	65	57	292	299	56	54	73	299	303	....	....	....	451
" 11, " 2	162	225	134	135	169	173	147	212	149	180	168	160	128	185	173	134	126	173	160	192	131	158	....	....	....	639
" 11, " 3	104	287	77	83	111	244	86	267	112	250	243	234	70	262	243	76	85	225	236	277	63	75	...	....	....	635
Ward 11, Totals	574	588	511	521	603	471	536	556	558	495	468	443	503	512	473	502	510	454	450	542	498	536	....	....	....	1725
Grand Totals	6963	5275	6213	6109	6290	4752	6607	5644	6264	4872	4920	4584	5983	5256	4522	6027	6065	4759	4641	4847	6087	6324	1	1	1	17188

CANDIDATES FOR COMMON COUNCIL.

WARD ONE.

	Daniel F. O'Connell.	Joseph A. Sullivan.	Blank.
Precinct 1	334	340	138
" 2	271	258	177
Ward 1, Totals	605	598	315

WARD TWO.

	Hugh E. Mullen.	Thomas Ryan.	Blank.
Precinct 1	276	286	202
" 2	285	249	174
Ward 2, Totals	561	535	376

WARD THREE.

	Dennis F. Hurley.	Charles F. Murphy.	Barney P. Quigley.	James J. Buckley.	James Obrine.	Edward H. Norton.	Frank J. Costa.	Gillen Burns.	Dick Ferry.	Blank.
Precinct 1	257	207								140
" 2	215	178	1	1	1	1				169
" 3	234	193								213
" 4	216	164					1	1	1	195
Ward 3, Totals	922	742	1	1	1	1	1	1	1	717

WARD FOUR.

	Winslow Herbert Dodge.	Thomas T. Jones.	Francis J. Lynch.	Peter J. Norton.	Blank.
Precinct 1	65	52	168	177	88
" 2	139	136	80	97	46
" 3	154	138	113	132	59
" 4	205	184	71	89	51
Ward 4, Totals	563	510	432	495	244

CANDIDATES FOR COMMON COUNCIL.

WARD FIVE.

	Albert H. Chamberlain.	Richard F. Higgins.	E. F. P. Burns.	Edward Savage.	James B. Moylan.	James T. Vallaley.	Blank.
Precinct 1	169	179	1	1	......	......	338
" 2	204	206	......	......	1	......	309
" 3	277	260	......	......	......	1	156
" 4	288	272	......	......	......	......	118
Ward 5, Totals	938	917	1	1	1	1	921

WARD SIX.

	Frederick A. Lincoln.	James H. McKenney.	William P. Mitchell.	Henry J. Winslow.	Blank.
Precinct 1	209	103	107	202	69
" 2	217	102	97	210	56
" 3	232	140	133	220	59
" 4	292	58	56	288	40
Ward 6, Totals	950	403	393	920	224

WARD SEVEN.

	Alexander Dunn.	John V. W. Lawson.	Maurice J. Nagle.	William F. Riley.	Blank.
Precinct 1	223	220	123	129	57
" 2	159	149	162	160	94
" 3	342	321	49	47	57
" 4	223	226	103	98	68
Ward 7, Totals	947	916	437	434	276

WARD EIGHT.

	Arthur E. Beane.	Percy N. Bolster.	Edward E. Dwyer.	Michael F. McGrath.	Blank.
Precinct 1	244	237	98	95	48
" 2	287	284	99	95	57
" 3	127	169	302	268	82
Ward 8, Totals	658	690	499	458	187

CANDIDATES FOR COMMON COUNCIL.

WARD NINE.

	Jesse W. Moreland.	Henry C. Stetson.	Thomas F. Griffin.	Blank.
Precinct 1	385	365	....	152
" 2	294	310	1	245
" 3	218	218	....	238
Ward 9, Totals	897	893	1	635

WARD TEN.

	Louis F. Conant.	Robert W. Hunter.	Forrest C. Rivinius.	J. J. Keenan.	Blank.
Precinct 1	283	270	1	1	137
" 2	271	264	... .	....	97
" 3	121	108	....	....	349
Ward 10, Totals	675	642	1	1	583

WARD ELEVEN.

	Joseph M. Casey.	Joseph Pierce Quilty.	Frank Edwards.	Blank.
Precinct 1	224	257	1	330
" 2	279	309	....	178
" 3	335	331	....	124
Ward 11, Totals	838	897	1	632

CANDIDATES FOR SCHOOL COMMITTEE.

	For Three Years.																									For One Year.		
	At Large.										Ward 2.		Ward 5.					Ward 7.					Ward 9.		Ward 8.		
Names of Candidates.	Whole Number.	Carolyn P. Chase.	C. B. Lane.	Elizabeth O'Brien.	Watson G. Cutter.	Holland Bennett.	John H. H. McNamee.	Thomas F. Sullivan.	Geoffrey L. Whalen.	G. L. Whalen.	Blank.	Edward A. Counihan, Jr.	Blank.	J. Henry Russell.	Thomas Toohey.	William Cronin.	George A. Rivinius.	Blank.	James A. Lew.	John Griffin.	Thomas F. Good.	Harold C. Upham.	Blank.	William Taggard Piper.	Blank.	Lawrence G. Brooks.	James M. Sullivan.	Blank.
Ward 1, Precinct 1	407	113	..	..	..	..	..	..	..	..	294	249	158	108	..	..	..	299	105	..	..	..	302	97	310	107	..	300
" 1, " 2	353	118	..	..	..	..	..	..	..	..	235	207	146	111	..	..	..	242	107	..	..	..	246	104	249	107	..	246
Ward 1, Totals	760	231	..	..	..	..	..	..	..	..	529	456	304	219				541	212				548	201	559	214		546
Ward 2, Precinct 1	382	98	..	..	..	..	..	..	..	..	284	241	141	96	..	..	..	286	95	..	..	..	287	92	290	95	..	287
" 2, " 2	355	110	..	..	..	..	..	..	..	..	245	245	110	109	..	..	..	246	95	..	..	..	260	100	255	100	..	255
Ward 2, Totals	737	208	..	..	..	..	..	..	..	..	529	486	251	205				532	190				547	192	545	195		542
Ward 3, Precinct 1	302	75	..	..	..	..	..	..	..	..	227	162	140	67	..	..	..	235	62	..	..	..	240	63	239	68	..	234
" 3, " 2	283	68	..	..	..	..	..	..	..	..	215	157	126	72	..	..	..	211	61	..	..	..	222	59	224	62	..	221
" 3, " 3	320	118	..	..	..	..	..	..	.	..	202	175	145	112	..	..	..	208	109	..	..	..	211	110	210	116	..	204
" 3, " 4	291	103	..	..	..	..	..	..	..	..	188	162	129	99	..	..	..	192	92	1	..	..	198	80	211	87	..	204
Ward 3, Totals	1,196	364	..	..	..	..	..	..	..	.	832	656	540	550				846	324	1			871	312	884	333		863
Ward 4, Precinct 1	276	88	..	..	..	..	..	..	..	..	188	124	152	81	..	..	..	195	76	..	..	..	200	68	208	78	..	198
" 4, " 2	252	143	..	..	..	..	..	..	..	..	109	155	97	130	..	..	..	122	123	..	..	..	129	117	135	124	.	128
" 4, " 3	299	147	1	..	..	..	..	..	..	..	151	168	131	149	..	..	..	150	136	..	..	..	163	131	168	137	..	162
" 4, " 4	304	205	..	..	..	..	..	..	..	..	99	185	119	185	..	..	..	119	179	..	..	..	125	174	130	179	..	125
Ward 4, Totals	1,131	583	1	..	..	..	..	..	..	..	547	632	499	545				586	514				617	490	641	518		613
Ward 5, Precinct 1	345	153	..	..	..	..	..	..	..	..	192	218	127	162	..	..	..	183	138	..	..	..	207	137	208	133	..	212
" 5, " 2	362	195	..	1	..	..	..	..	..	..	166	242	120	194	..	..	..	168	170	..	..	..	192	173	189	183	..	179
" 5, " 3	360	264	..	..	..	..	..	..	..	..	96	264	96	272	1	..	..	87	246	..	..	..	114	256	104	256	..	104
" 5, " 4	350	272	..	..	..	..	..	..	..	..	78	254	96	271	..	1	..	78	249	..	..	..	101	259	91	258	..	92
Ward 5, Totals	1,417	884	..	1	..	..	..	..	..	..	532	978	439	899	1	1		516	803				614	825	592	830		587

Ward 6, Precinct 1	346	198	..	..	..	..	..	..	..	..	148	189	157	184	.	..	..	162	173	..	..	..	173	170	176	172	..	174
" 6, " 2	346	204	..	..	..	..	..	..	..	..	142	218	128	206	..	..	..	140	191	..	..	..	155	191	155	196	..	150
" 6, " 3	396	217	..	..	..	..	..	..	..	..	179	238	158	196	..	..	..	200	196	..	..	..	200	194	202	199	..	197
" 6, " 4	385	305	..	..	..	..	..	..	.	..	80	289	96	294	..	..	..	91	284	..	..	..	101	285	100	284	..	101
Ward 6, Totals	1,473	924	..	..	..	..	..	..	..	..	549	934	539	880				593	844				629	840	633	851		622
Ward 7, Precinct 1	383	230	..	..	..	..	..	..	..	..	153	242	141	210	..	..	..	173	216	..	..	..	167	203	180	205	..	178
" 7, " 2	364	164	..	..	..	..	..	..	..	..	200	200	164	139	..	.	..	225	158	..	2	..	204	146	218	148	..	216
" 7, " 3	414	312	..	..	..	..	..	..	..	..	102	276	138	298	..	..	..	116	303	..	..	..	111	294	120	300	..	114
" 7, " 4	362	214	..	..	..	..	..	..	..	..	148	206	156	194	..	..	..	168	196	..	..	..	166	185	177	190	..	172
Ward 7, Totals	1,523	920	..	..	..	..	..	..	..	..	603	924	599	841		.		682	873		2		648	828	695	843		680
Ward 8, Precinct 1	376	257	..	..	1	..	..	..	..	..	118	264	112	237	..	..	..	139	235	..	..	..	141	237	139	254	..	122
" 8, " 2	421	302	..	..	..	..	..	..	..	..	119	306	115	285	..	..	..	136	271	..	..	..	150	288	133	298	..	123
" 8, " 3	475	165	..	..	..	..	..	..	..	..	310	262	213	168	..	..	..	307	157	..	..	..	318	154	321	167	..	308
Ward 8, Totals	1,272	724	..	..	1	..	..	..	..	..	547	832	440	690				582	663				609	679	593	719		553
Ward 9, Precinct 1	471	374	..	..	..	..	..	..	..	..	97	325	146	364	..	..	..	107	346	..	..	..	125	377	94	368	..	103
" 9, " 2	443	287	..	..	..	..	..	..	..	..	156	318	125	283	..	..	..	160	270	..	..	..	173	290	153	281	..	162
" 9, " 3	340	196	.	..	..	..	..	..	..	..	144	234	106	193	..	..	..	147	185	..	..	..	155	195	145	194	..	146
Ward 9, Totals	1,254	857	..	..	..	..	..	..	..	..	397	877	377	840				414	801				453	862	392	843		411
Ward 10, Precinct 1	361	290	..	..	..	1	1	..	..	..	69	280	81	283	..	..	1	77	266	..	..	1	94	277	84	279	1	81
" 10, " 2	332	269	..	..	..	..	..	1	..	..	62	261	71	261	..	..	..	71	249	..	..	..	83	257	75	257	..	75
" 10, " 3	296	114	..	..	..	..	..	..	..	..	182	168	128	113	..	..	..	183	100	..	..	..	196	112	184	114	..	182
Ward 10, Totals	989	673	..	..	..	1	1	1	..	..	313	709	280	657			1	331	615			1	373	646	343	650	1	338
Ward 11, Precinct 1	410	312	..	..	..	..	..	..	..	..	98	294	116	302	..	..	..	108	284	..	..	..	126	292	118	291	..	119
" 11, " 2	384	180	..	..	..	..	..	..	1	..	203	234	150	174	..	..	..	210	164	.	..	..	220	163	221	170	..	214
" 11, " 3	396	189	..	..	..	..	..	..	..	2	205	244	152	174	..	..	..	222	167	..	..	..	229	177	219	200	..	196
Ward 11, Totals	1,190	681	..	..	..		..	..	1	2	506	772	418	650				540	615				575	432	558	661		529
Grand Totals	12,942	1,749	1	1	1	1	1	1	1	2	5,884	8,256	4,686	6,776	1	1	1	6,163	6,454	1	2	1	6,484	6,507	6,435	6,657	1	6,284

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